PHILIPS'
CHAMBER OF COMMERCE
ATLAS

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CHAMBER OF COMMERCE ATLAS.

PHILIPS'

CHAMBER OF COMMERCE ATLAS

A GRAPHIC SURVEY OF THE WORLD'S TRADE
WITH A COMMERCIAL COMPENDIUM
AND GAZETTEER INDEX

GEORGE PHILIP & SON, Ltd.,
LONDON: THE LONDON GEOGRAPHICAL INSTITUTE, 32 FLEET STREET, E.C.
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PREFACE.

THE CHAMBER OF COMMERCE ATLAS is an attempt to present in a graphic and at the same time handy and inexpensive form an exhaustive summary of the present economic conditions of the Globe. It forms an epitome of commercial information derived from the latest and most authoritative British and Foreign sources, including Blue-books, Trade and Consular Returns, Steamship and Railway Companies' Time-tables, which are otherwise only available at a prohibitive cost and after endless research. For the first time this widely scattered information, summarised and treated on a comparative method, is gathered together within the compass of a single volume, and by its convenient size and low price placed within the reach of all interested in the present economic condition of the World, the commercial rivalry and enterprises of the several nations, and the human and practical aspects of Geography.

The scope of the Atlas is best explained by a short reference to the various sections of which it is composed. The first six sections of 128 pages of coloured maps illustrate every aspect of commercial enterprise throughout the World. Every care has been taken to express the necessary detail embodied on the maps in the clearest and most graphic manner; and, as far as possible, all the information relating to a country, whether cartographical, diagrammatic or statistical is shown at *one opening*, thus avoiding the inconvenience of cross references and of search elsewhere.

The more important Commercial and Economic aspects of geography are depicted in a series of **General Maps of the World.** The series includes such subjects of general interest as Charts illustrating Commercial Highways by land and sea, Telegraphic and Postal Maps, the Commercial Development of the World, Emigration, Tropical Diseases and their Effects on Commerce, and maps dealing with Commercial Languages, Currencies, and Tariffs.

The **Sources of Supply** of the principal commodities and the direction of their export are shown in a separate series of maps, accompanied by coloured diagrams showing the amount of their production and consumption, and the value of their export trade.

The **Markets of the World** are depicted in a compact and novel form so as to indicate in a graphic manner the Commercial Regions of the World at present exploited or neglected by the British Exporters.

A systematic attempt is made to show by map and diagram the **World's Trade** in its general features, the foreign indebtedness to British capital, and the actual share taken in Foreign Trade by the United Kingdom and the British Empire compared with that in the hands of our great commercial rivals.

The Atlas also contains a complete series of **Commercial Maps**, exhibiting the **Natural Resources**, the **Industries**, and the **Means of Communication** of all the Countries of the World. On this series of maps, the Manufactures and Natural Products of each Region are shown by an elaborate system of symbols and names, and the main communications by land and sea are shown prominently in colours. Trade Diagrams are given for each country, showing in actual figures (as distinct from percentages) the shares held by other countries in its commerce: the returns being the Annual Average of the last three years available, thus avoiding as far as possible the fluctuations of "boom" or "slump" periods. The nature and value of the principal commodities of import and export are also given in a more detailed series of diagrams than has hitherto been published. One other feature that helps to make this series of maps unique as a source of authoritative commercial information, is the inclusion of Tables of Distance and Time by Rail for each country, which, together with the Tables of Steamship Lines, show at a glance the time in days and hours occupied in transit from place to place—information of great importance to business men and travellers alike. The names of the actual Mail Steamship Companies trading between each country are in addition marked in nearly every case.

The coloured maps are supplemented by a **Commercial Compendium**, dealing elaborately with the source and nature of every commodity of Commercial importance. The Compendium also includes a very complete series of Supplementary Tables, summarising the trade of the World, together with other statistical information of commercial interest, and a Gazetteer-Index of 6,300 names.

Many further novel features—such as the Pictorial Diagrams, presenting in a new and attractive form many phases of the World's economic condition—might be noted, but the publishers trust this brief outline of its scope is sufficient to substantiate their claim that the Chamber of Commerce Atlas opens up entirely new ground, and should prove indispensable to every business man.

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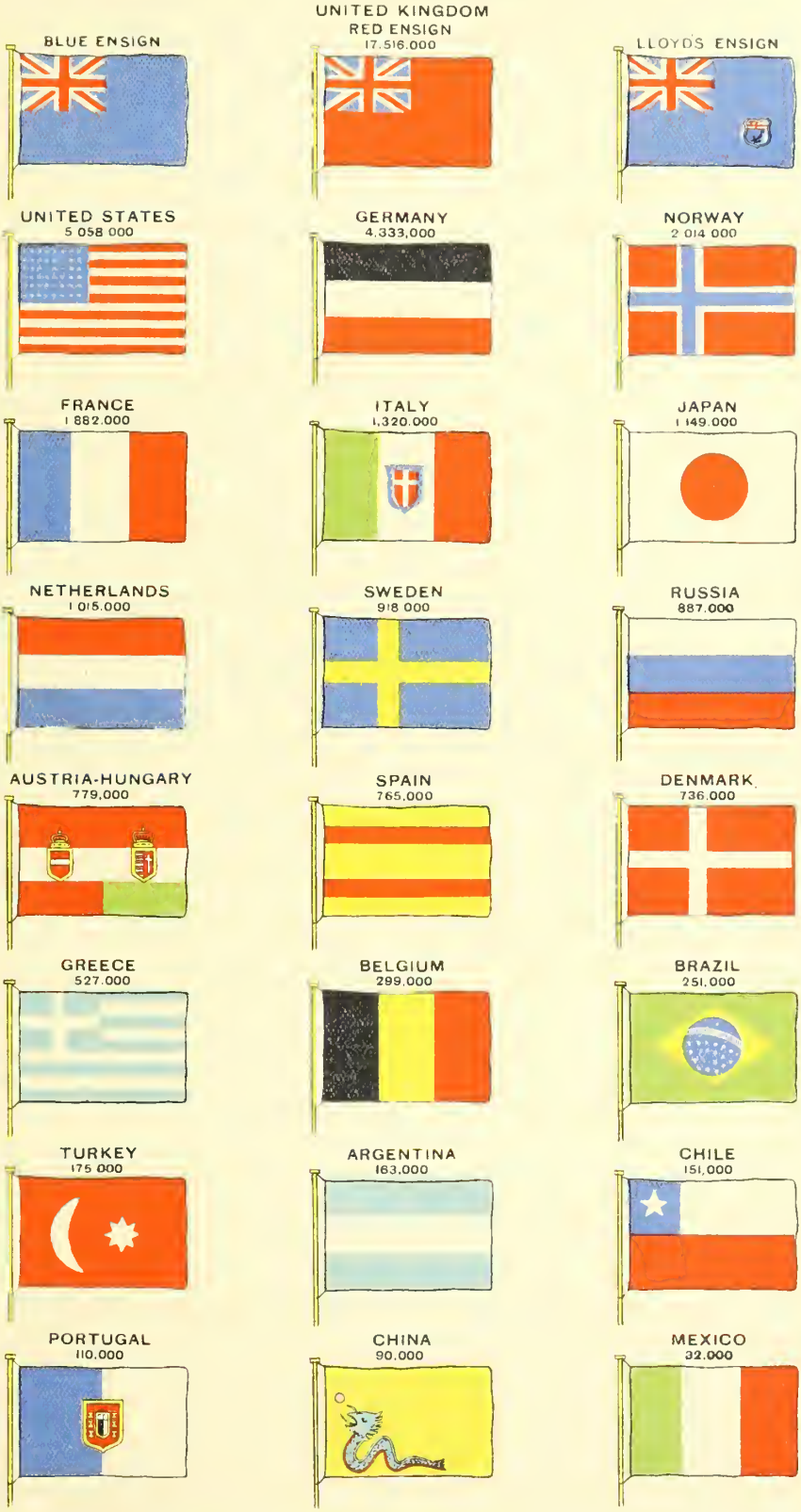
MERCHANT FLAGS.



The figures represent the tonnage (steam and sail) owned by each nation

THE WORLD—REGIONS COMMERCIALLY DEVELOPED.

PRINCIPAL PORTS OF THE WORLD ICE-BOUND DURING WINTER, WITH APPROXIMATE DATES OF CLOSING & OPENING OF NAVIGATION.

	Port	Closed	Opened		Port	Closed	Opened
CANADA	Montreal	Nov. 20	April 30	RUSSIA	Pernau (Baltic)	Dec. 1	May 1
	Quebec	" 20	" 30		Riga (Baltic)	Feb. 5	Mar. 25
FINLAND	Abo	" 30	" 25		Rostof (Black Sea)	Dec. 15	April 1
	Björneborg	" 30	" 25		St. Petersburg	Nov. 25	May 4
	Helsingfors	Jan. 10	" 20		Taganrog (Black Sea)	Dec 15	April 1
	Nikolaistad (see Vasa)			SWEDEN	Gefle	Jan. 1	" 30
	Ulenhorg	Dec. 1	May 5		Kalmar	Feb. 10	Mar 15
	Vasa	" 1	" 5		Hernosand	Dec. 10	April 20
	Viborg	" 10	" 3		Nyköping	" 20	Mar. 20
RUSSIA	Archangel (White Sea)				Ornköldsvik	" 10	April 30
	Astrakhan (Caspian Sea)	Nov. 7	April 2		Sundsvall	" 24	" 20

The Ports on the Great Lakes of Canada and United States are generally closed from the end of November to the end of April.

REFERENCE

- Regions commercially developed.
- Regions capable of commercial development or partially developed.
- Regions unsuitable for commercial development.
- Railways.
- Principal Steamship Routes (the width of route corresponds to the amount of merchandise carried).

ANNUAL FOREIGN TRADE

PER HEAD OF POPULATION in £'s sterling

- Under £1
- £1—£2 10s.
- £2 10s.—£5
- £5—£10
- £10—£25
- £25—£50
- Over £50

Figures to Countries whose **Imports** *exceed their* **Exports** *shown in* **Blue**. *Figures to Countries whose* **Exports** *exceed their* **Imports** *in* **Red**.

22·6	Straits Setts.	4·7	Switzerland
7·1	Netherlands	4·7	Romania
4·1	Belgium	2·4	Servia
3·1	Denmark	2·1	Bulgaria

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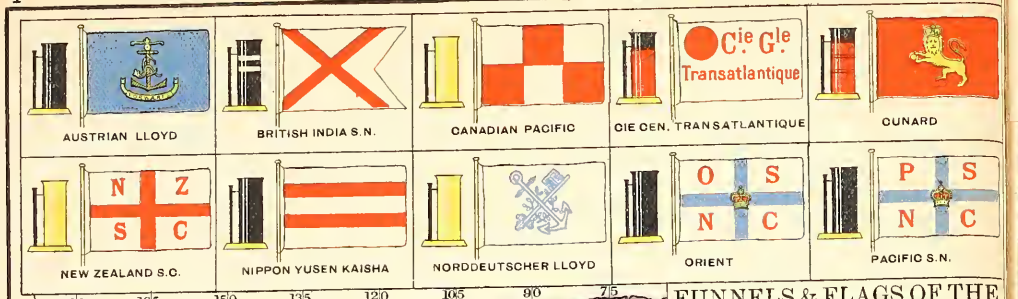
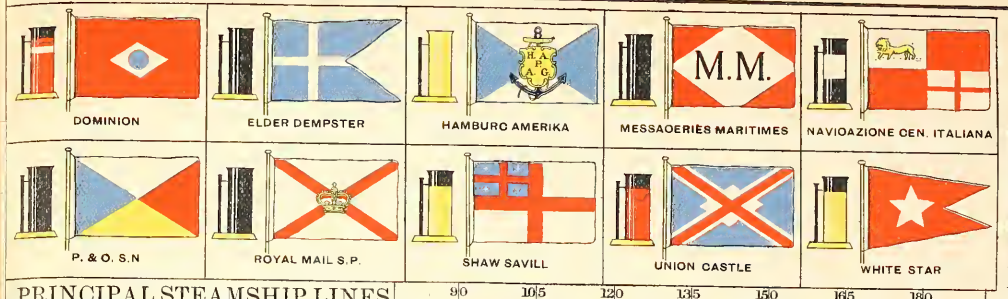
THE WORLD—PRINCIPAL STEAMSHIP LINES & ISOCHRONIC CHART.





FUNNELS & FLAGS OF THE PRINCIPAL STEAMSHIP LINES

Area within 4 days journey of London
4—8 days
8—16 ,,
16—24 ,,
24—36 ,,
Over 36 ,,

COMPARATIVE LENGTHS OF THE CHIEF ROUTES ROUND THE WORLD

London Moscow Irkutsk Yokohama Vancouver Montreal London
London Brindisi Suez Vladivostok Colombo Singapore Yokohama San Francisco New York London
London Panama Honolulu Singapore Suez London
London Suez Columbo Sydney Auckland Honolulu Vancouver Halifax London
London Capetown Hobart Wellington Cape Horn Rio de Janeiro London

MILES 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000 26000 28000 30000

BRITISH LINES.
White Star
Cunard
Canadian Pacific
Dominion
Royal Mail Steam Packet
Pacific Steam Nav.
Peninsular & Oriental
Orient
Brit. India Steam Nav.
Union Castle
Shaw Savill & Albion
New Zealand Shipping Co.
Elder Dempster

FOREIGN LINES.
Hamburg Amerika
Norddeutscher Lloyd
Messageries Maritimes
Cie. Génle. Transatlantique
Navigazione Genle. Italiana
Austrian Lloyd
Nippon Yusen Kaisha

Note.—For details of Lines in Mediterranean Sea see Inset Map.

MEDITERRANEAN SEA
on twice the scale

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THE WORLD—TELEGRAPH, CABLE & TIME CHART.

P.M. times when Noon at Greenwich in red figures
A.M. " " " " " " blue "

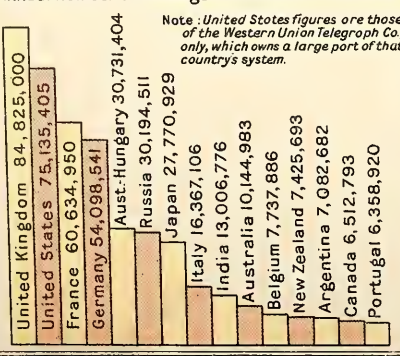
Rates not shown on the Map
Bulgaria ..... 3½ d.
Denmark ..... 2½ d.
Holland ..... 2 d
Switzerland ..... 2½ d.

British-owned Submarine Cables.
Foreign " " "
Principal Land Telegraph Lines. (Only the chief lines are inserted on map; in civilized regions all important places have telegraphic intercommunication.)
Regions possessing telegraphic communication.
" without " "
The figures give the Cable rates per word in shillings and pence from the United Kingdom to the different Countries.
Via Turkey the charges to certain Asian and Australasian Countries are about 3d per word cheaper than the rates given.

TELEGRAPH STATISTICS

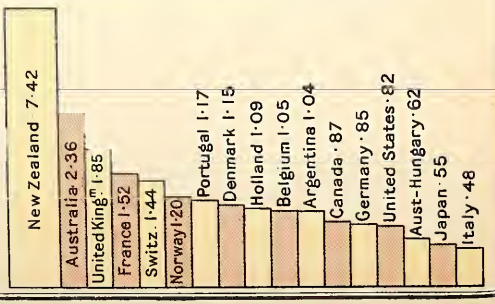
Annual number of Messages in various countries

Note: United States figures are those of the Western Union Telegraph Co., only, which owns a large part of that country's system.



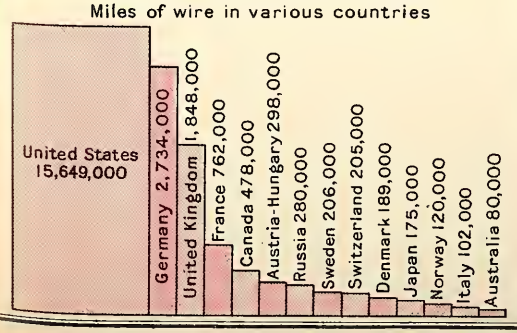
TELEGRAPH STATISTICS

Annual number of Messages per head of Population



TELEPHONE STATISTICS

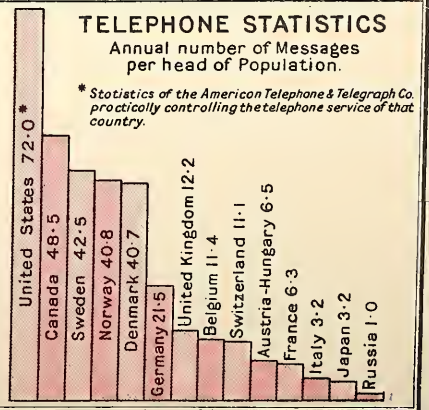
Miles of wire in various countries



TELEPHONE STATISTICS

Annual number of Messages per head of Population.

* Statistics of the American Telephone & Telegraph Co. practically controlling the telephone service of that country.



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THE WORLD—PRINCIPAL SAILING TRACKS, WINDS & OCCUPATIONS.

Equatorial Scale 1:175,000,000

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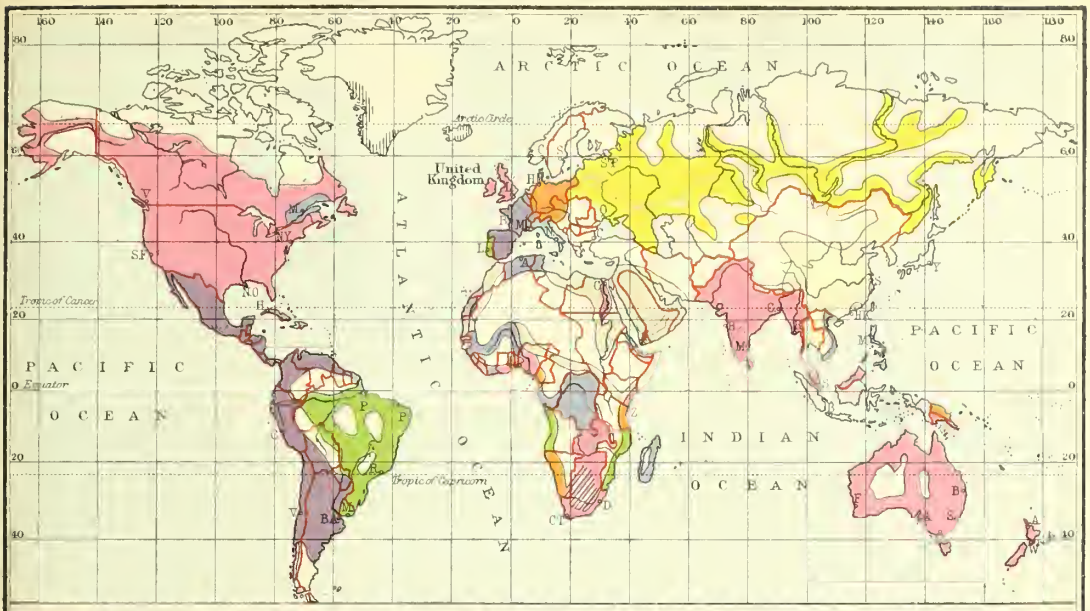
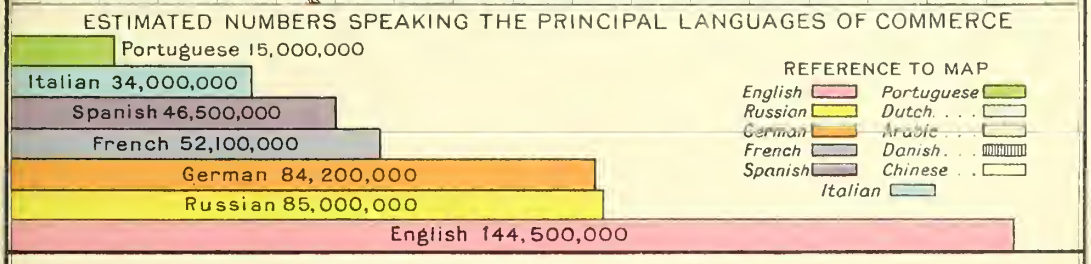
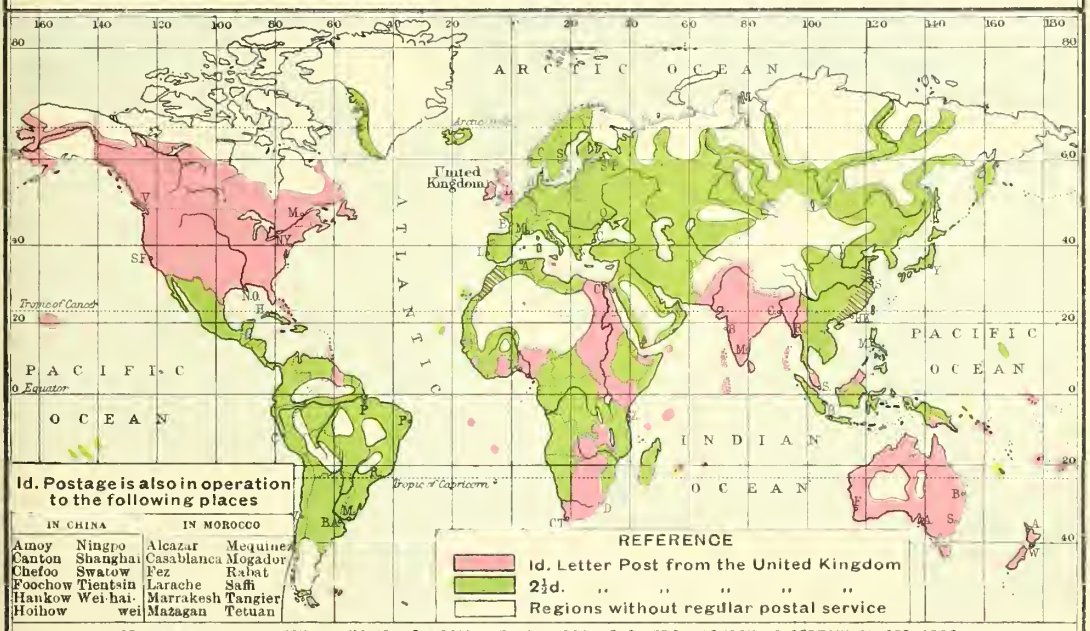




THE WORLD—POSTAL.

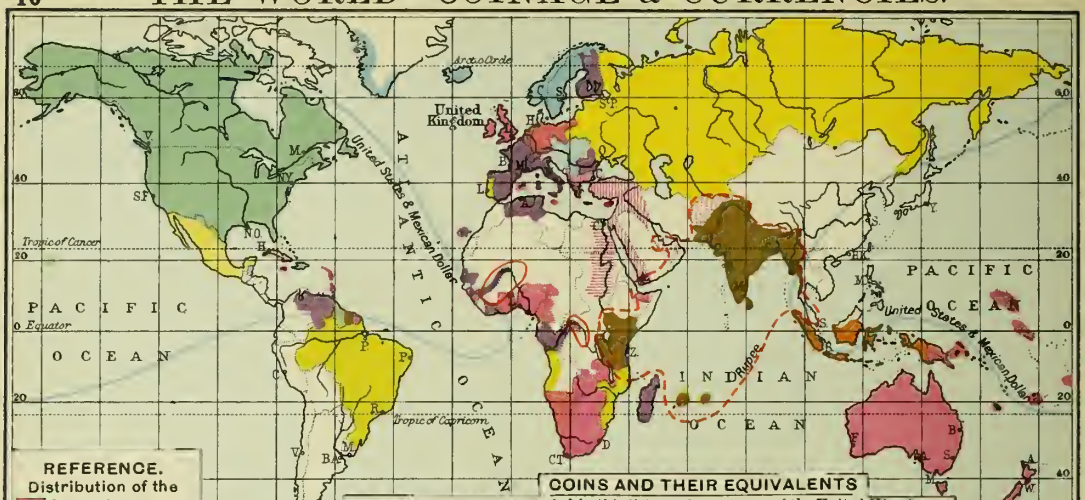


APPROXIMATE TIME TAKEN IN THE TRANSMISSION OF CORRESPONDENCE FROM LONDON TO CERTAIN PLACES ABROAD.

Name of Place	Dys.	Hr.	Name of Place	Dys.	Hr.	Name of Place	Dys.	Hr	Name of Place	Dys.	Hr.	Name of Place	Dys.	Hr.	Name of Place	Dys.	Hr.
Adelaide	30	..	Buenos Ayres	22	..	Iceland	9	..	Mexico	12	..	P'maritzburg	20		Tangier	4	5
Aden	10	..	Cairo	4·6	..	Jamaica	12·15	..	Mombasa ..	20	..	Port Said	5·7	..	Teheran.....	14	..
Algiers	2	5	Calcutta.....	16	..	Johannesburg	19	..	Monte Video	21	..	Pretoria.....	19	..	Teneriffe	5·9	..
Auckland	36·42	..	Cape Town ..	17	..	Lagos	17	..	Montreal	8	..	Quebec	8	..	Tokio	26	..
Barbados	13	..	Chicago	8	..	Lisbon	2	4	Moscow	3	11	Rio Janeiro ..	17	..	Trinidad	14	..
Berlin.....	.	23	Colombo	16	..	Madras	16	..	Naples	2	5	Rome	2	..	Valparaiso ..	26	..
Bermuda	11·15	..	Constantin'le	3	..	Madrid	1	18	Newfoundl'nd	9	..	St. Petersburg	2	13	Vancouver .	13	..
Bloemfontein	19	..	Copenhagen..	1	12	Malta	3	14	New York	7	..	San Francisco	12	..	Vienna	1	11
Bombay	14	..	Fiji	31	..	Manila	31	..	Ottawa	9	6	Shanghai	30·33	..	Washington..	8	..
Brindisi.....	2	13	Gibraltar ..	3	22	Marseilles.. .	1	1	Panama.....	19	..	Singapore	22	..	Wellington ..	36·41	..
Brisbane . ..	33	..	Hobart	32	..	Mauritius.. .	27·23	..	Paris	..	10	Stockholm ..	2	..	Winnipeg	11	..
Brussels.....	..	9	Hong Kong ..	27·30	..	Melbourne ..	31	..	Perth (W.A.)	26	..	Sydney	32	..	Yokohama .	26	..

The L... ...raphical Institute

THE WORLD—COINAGE & CURRENCIES.

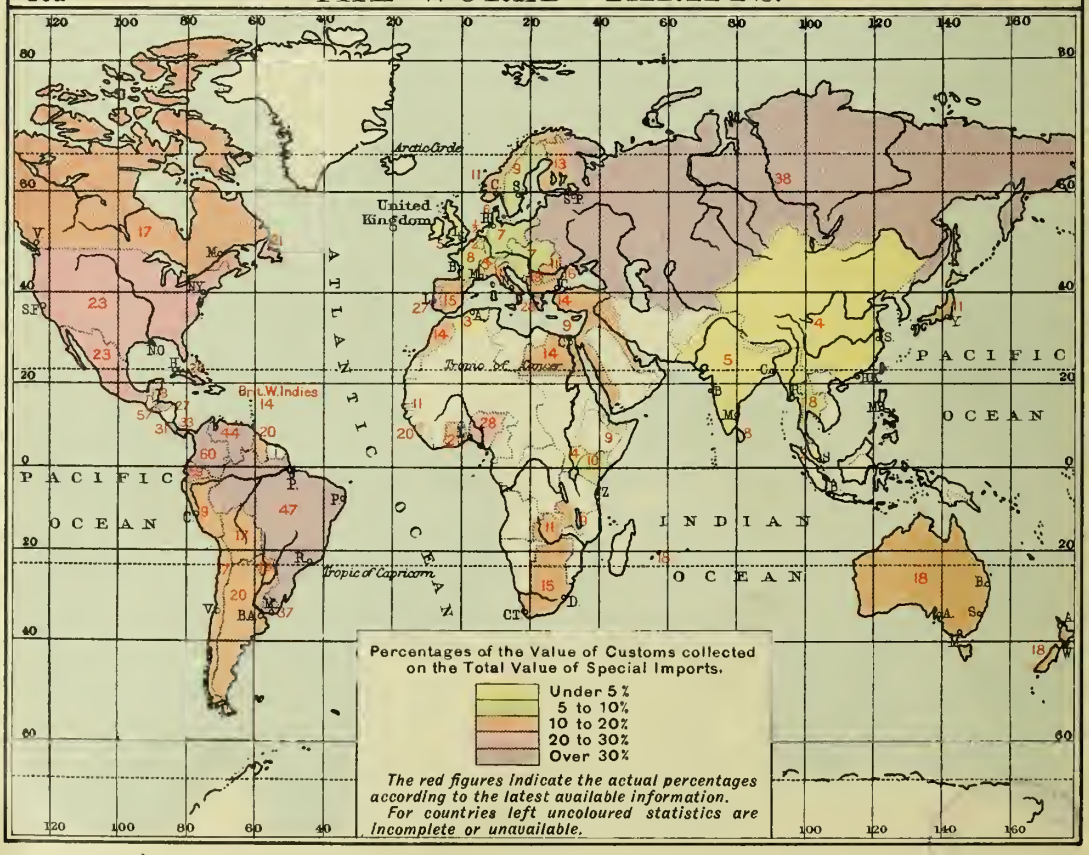


COINS AND THEIR EQUIVALENTS

British Possessions not included in this list use the currency of the United Kingdom.
In Hong-Kong and Labuan, Mexican, British and Hong Kong Dollars are in use.
The letters after a country show the Legal Standard of Currency employed, thus: G. Gold, S. Silver, B. Bimetallic, P. Paper. Where two letters are given the first signifies the Legal Standard, the second the Actual Standard in use. Countries where these conditions obtain are printed in italic.

Country		Coin	Equiv.	Country		Coin	Equiv.	Country		Coin	Equiv.	Country		Coin	Equiv.
Argentina ...	G P.	Peso Fuerte	4s at par	Egypt	G	Piastre	2·46d.	Persia	S.	Kran	4 4/5d.				
Austr-Hungary	G.	Krone	10d.	Fed. Malay Sts.	S	Dollar	2s.4d.	Peru	G.	Libra	£1				
Belgium	B.G.	Franc	9½d.	Finland	G.	Markka	9½d.	*Portugal*	G.P.	Milreis	4s.5d.				
Bolivia	S.	Boliviano	1s.8·72d	*France*	B.G.	Franc	9½d.	Rumania	G.	Lëu	9½d.				
Brazil	G P.	Milreis	2s.2·93d.	German Emp'e	G.	Mark	11¾d.	*Russia*	G P.	Rouble	2s.1·6d.				
Brit. E. Africa..	G.	Rupee	1s 4d	*Greece*	B.P.	Drachma	9½d.	Salvador	G.	Dollar	nom. 4s.				
" Guiana ..	G.	Dollar	4s 1·32d.	*Guatemala* ..	S.P.	Dollar	nom. 4s	Sarawak	S.	Dollar	2s.				
" Honduras	G.	"	4s.1 32d	Holland	G.	Gulden	1s.8d.	Servia	B.	Dinar	9½d.				
" N. Borneo	S.	"	2s.	Honduras	S.	Silver Peso	abt.1/8	Seychelles	G.	Rupee	1s.4d.				
" Somaliland	G.	Rupee	1s.4d.	India	G.	Rupee	1s.4d.	Siam	S.	Tical	1s 6½d.				
Bulgaria	B.	Leva	9½d.	*Italy*	B.G.	Lira	9½d.	*Spain*	B.P.	Peseta	9½d.				
Canada	G.	Dollar	4s.1·32d.	Japan	G.	Yen	2s 0½d.	Straits Settlem'ts	S	Dollar	2s 4d.				
Ceylon	G.	Rupee	1s.4d	Mauritius	G.	Rupee	1s.4d.	Sweden	G.	Krona	1s.1½d.				
Chile	G.P.	Peso	1s 6d	Mexico	S.	Dollar	2s.0·58d.	*Switzerland*	B.G.	Franc	9½d.				
China	S.	Tael	abt.3/3	Nicaragua	S	Silver Peso	abt.1/8	Turkey	G.	Turk'h Lira	18s.0·064d.				
Colombia	G.P.	Dollar	4s.	Norway	G.	Krone	1s.1½d.	Uganda	S.	Rupee	1s.4d.				
Costa Rica ...	G	Colon	abt.1/10½	Newfoundland	G.	2 Dol. piece	8s.4d.	*United States* ...	G.B.	Dollar	4s.1·32d.				
Denmark	G.	Krone	1s.1½d.	Panama	G.	Balbao	8s.4d.	*Uruguay*	G.B.	Dollar	4s 3d.				
Ecuador	G P.	Sucre	2s.	*Paraguay*	G.P.	Dollar	nom. 4s.	Zanzibar	S.	Rupee	1s.4d.				

THE WORLD—TARIFFS.



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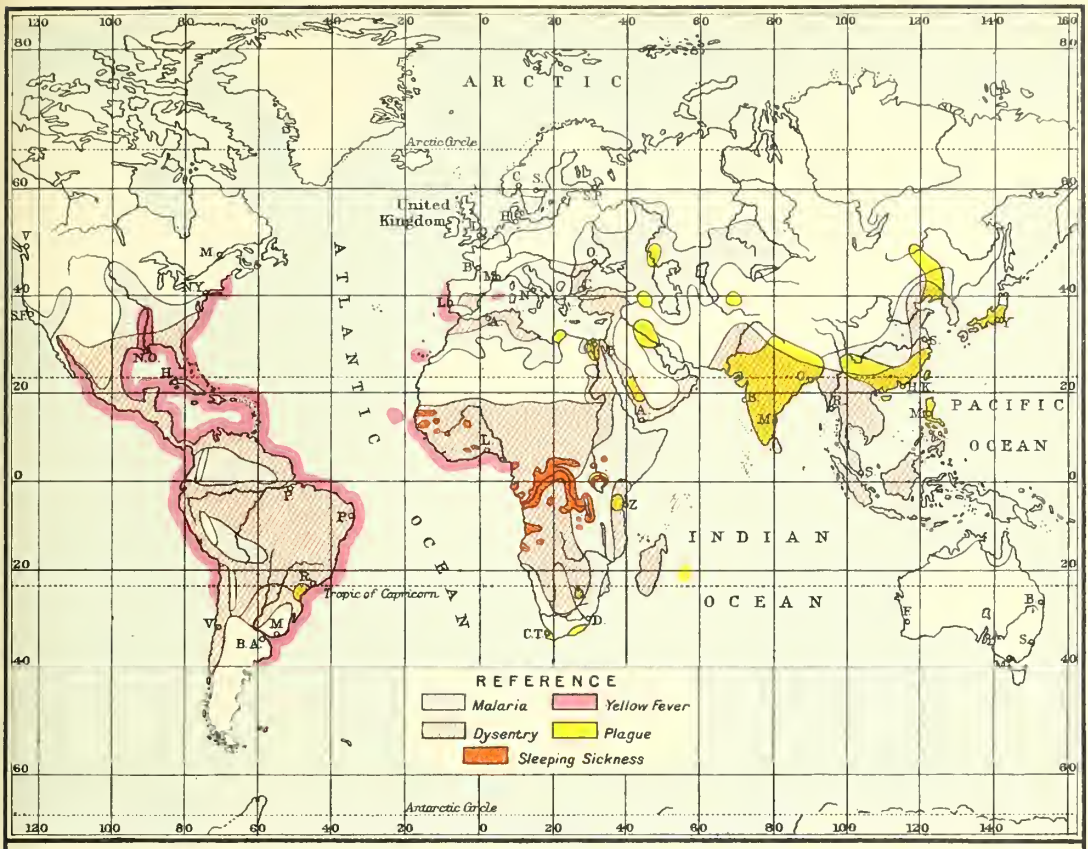
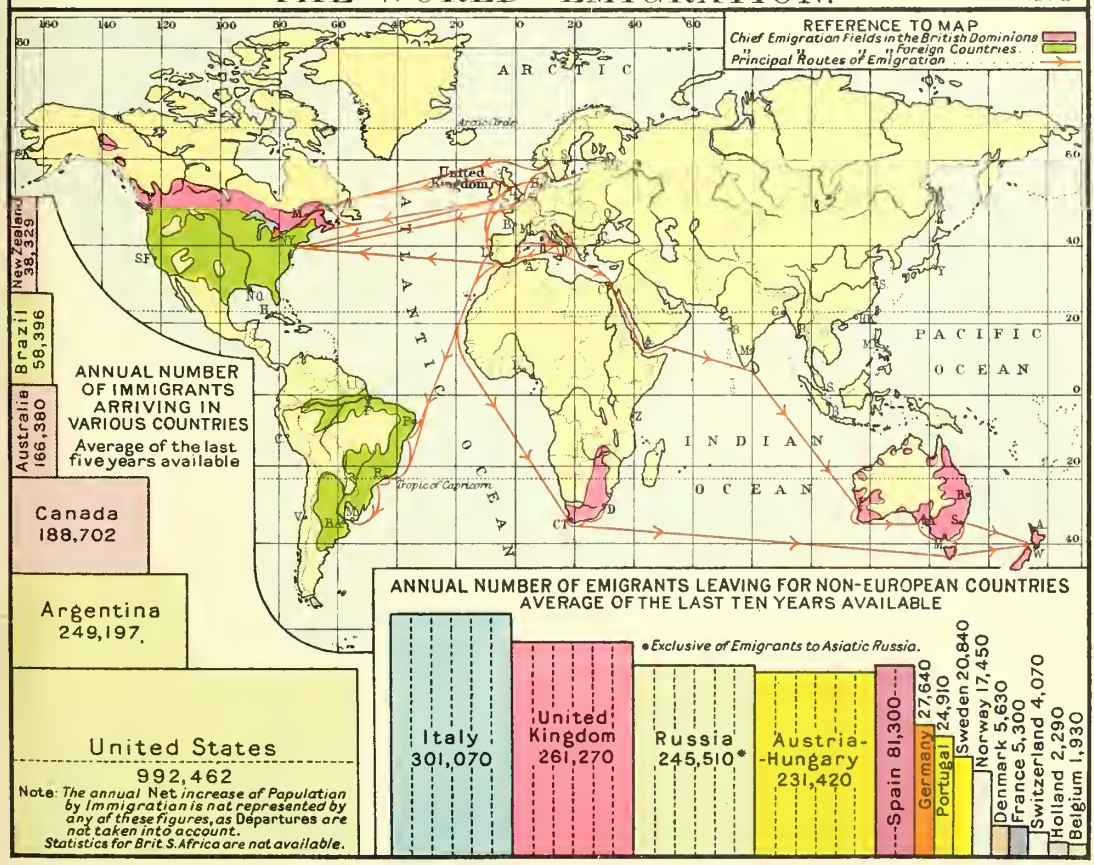


THE WORLD—EMIGRATION. 11a



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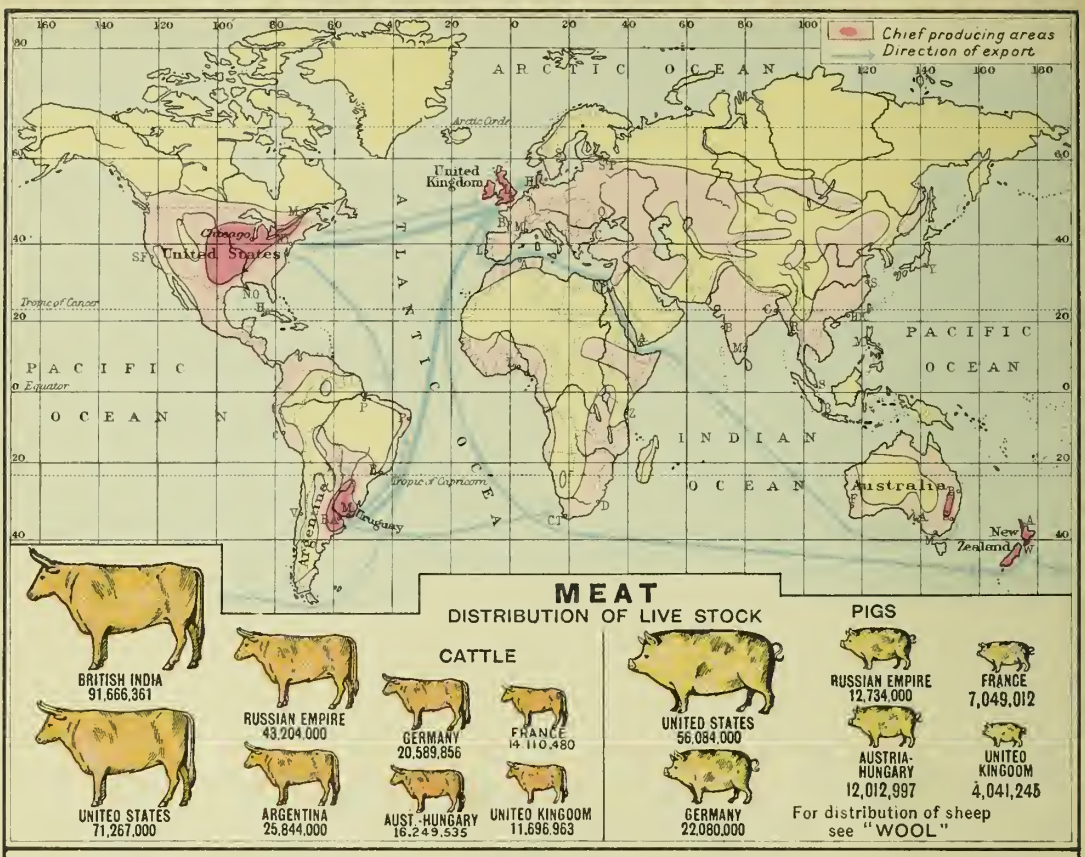
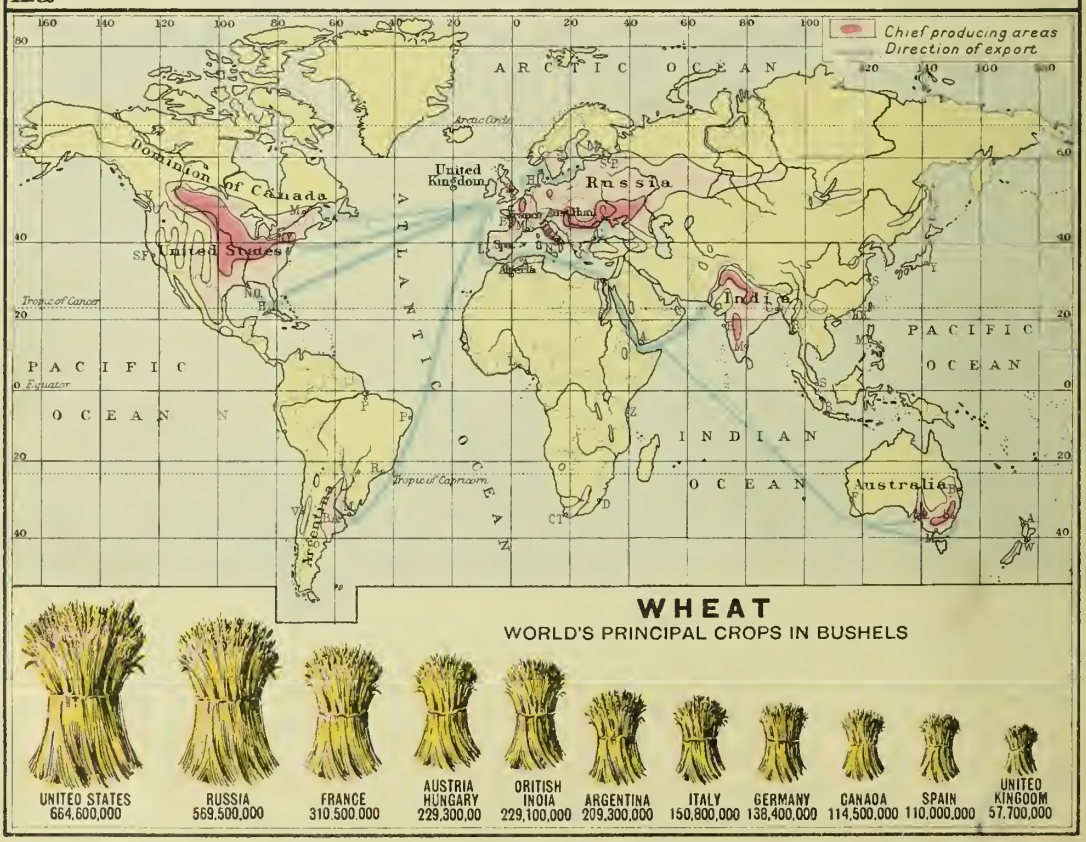


12a

WHEAT.



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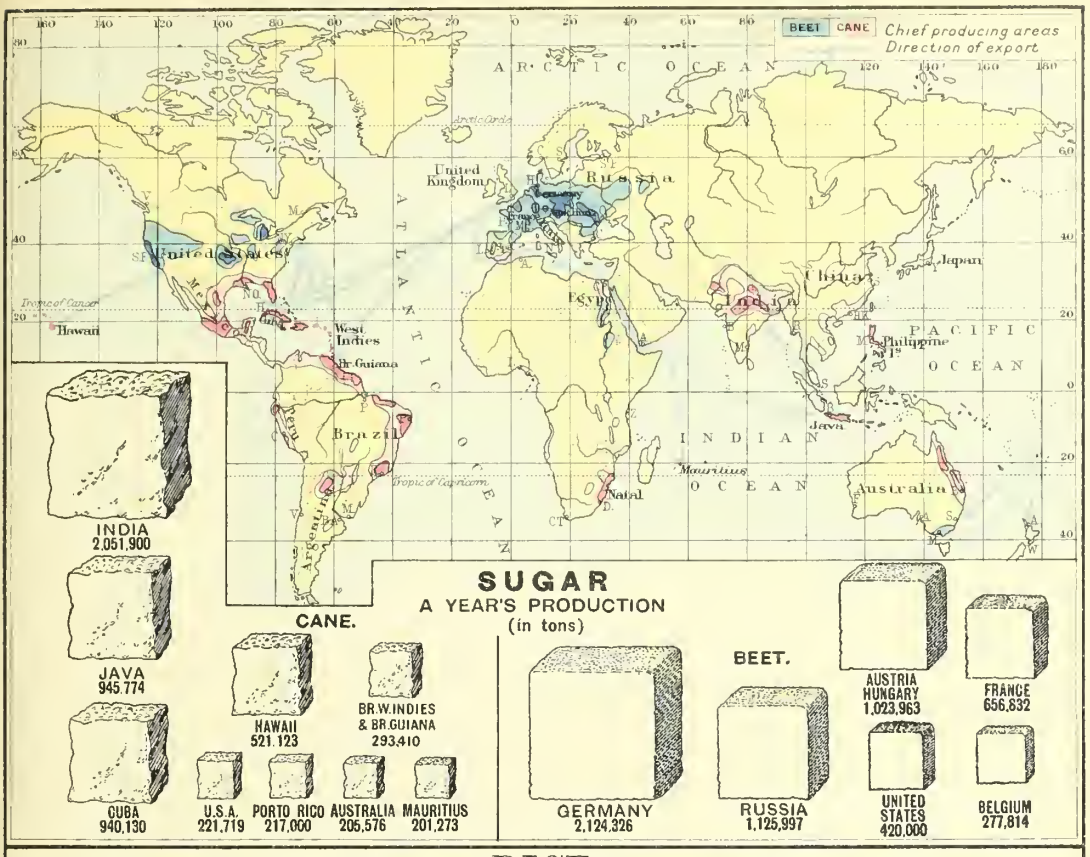
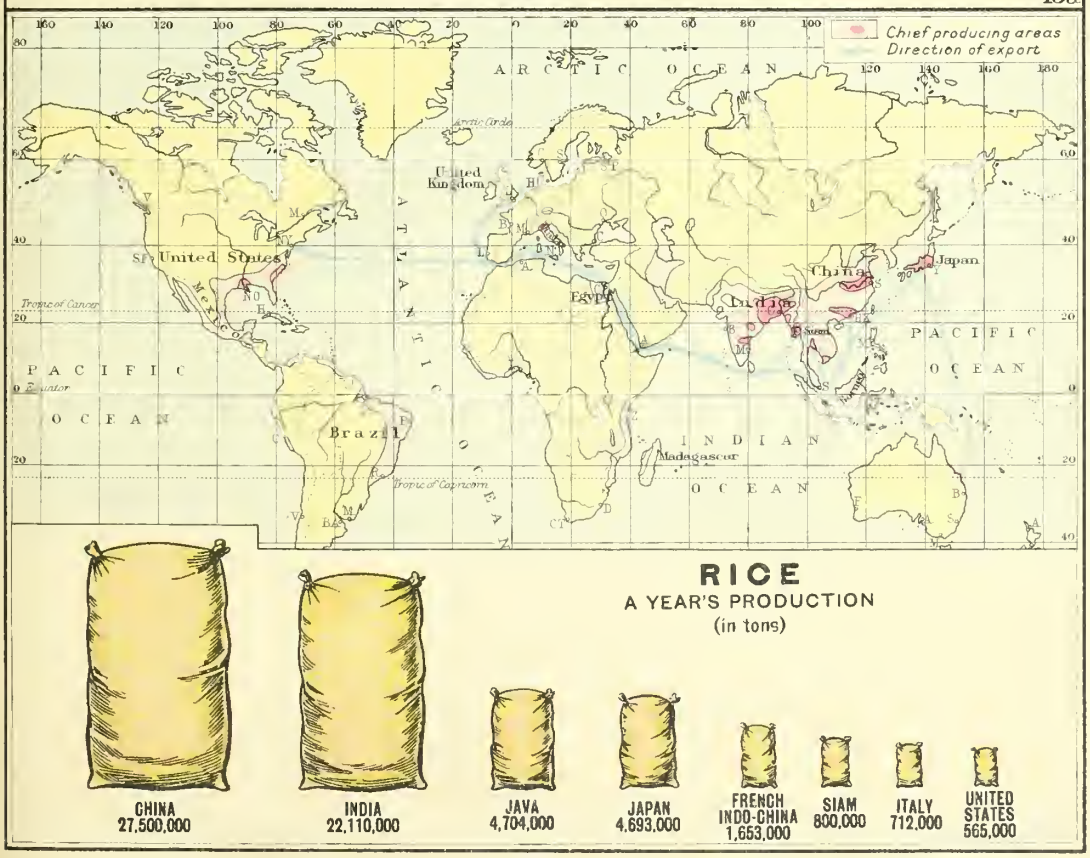


RICE.

13a



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THE WORLD'S SOURCES OF SUPPLY—TEA & COFFEE.

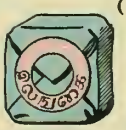
TEA COFFEE Chief producing areas
Direction of export

ARCTIC OCEAN
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
Arctic Circle
Tropic of Cancer
Equator
Tropic of Capricorn
United Kingdom
Russia
Arabia
India
China
Japan
Formosa
Philippines
Ceylon
Sumatra
Java
Borneo
Fiji
New Caledonia
Australia
Madagascar
Réunion
Natal
S. Thomas
Gulf of Guinea
Brazil
Santos
West Indies
Jamaica
Guatemala
Costa Rica
Ecuador
Panama
Hawaii
Mocha

INDIA
248,020,398

TEA
A YEAR'S PRODUCTION
(in lbs.)

CHINA
214,683,333
(Exports only)

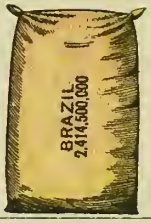


CEYLON
179,834,462

JAPAN
60,455,913

JAVA
26,127,110

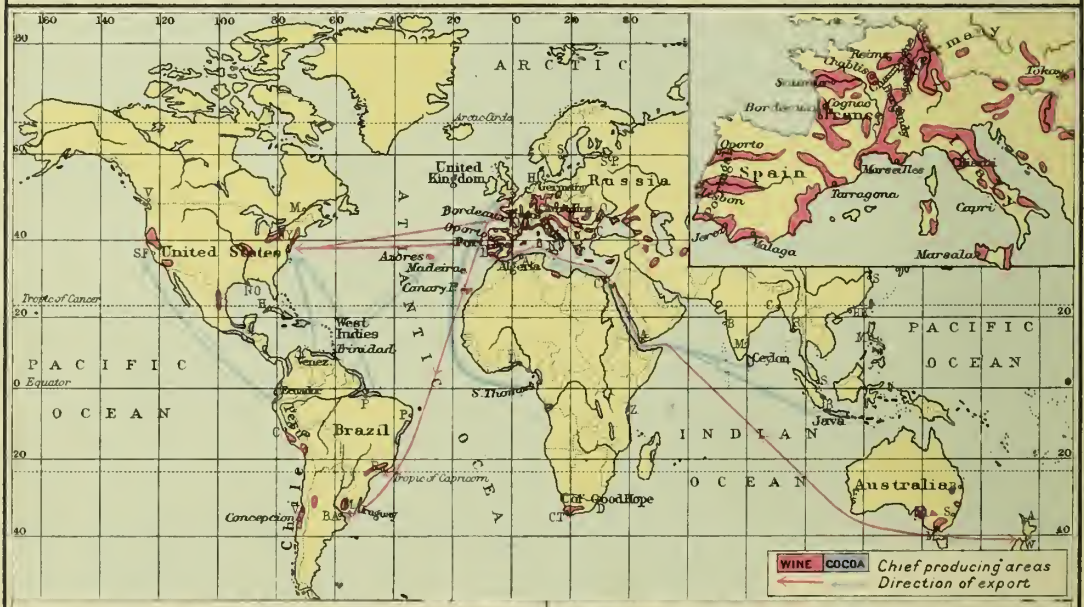
COFFEE
A YEAR'S PRODUCTION
(in lbs.)



DUTCH E. INDIES 101,800,000
GUATEMALA 81,000,000
COLOMBIA 70,000,000
VENEZUELA 68,900,000
HAITI 59,800,000
MEXICO 56,000,000
SALVADOR 55,000,000

COCOA & WINE.

14 a



COCOA
A YEAR'S PRODUCTION
(in tons)

BRAZIL 34,270
EQUADOR 31,142
ST. THOMAS (W. AFRICA) 30,094
TRINIDAD 23,260
BRIT. W. AFRICA 22,580
VENEZUELA 17,160
S. DOMINGO 15,067
GRENADA 9,462

WINE
A YEAR'S PRODUCTION
(in gallons)

FRANCE 1,331,900,000
ITALY 840,890,000
SPAIN 418,616,000
ALGERIA 181,031,000
AUSTRIA HUNGARY 174,282,000
PORTUGAL 18,300,000
GERMANY 88,931,000

George Philip & Son Ltd

Chief producing areas
Direction of export

ARCTIC OCEAN
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
Arctic Circle
Tropic of Cancer
Tropic of Capricorn
Equator
United Kingdom
Russia
United States
Mexico
Hawaii
Brazil
Bahia
Venez.
Persia
India
China
Japan
Philippine
Java
Rhodesia
Transvaal
Australia
Fiji

TOBACCO

A YEAR'S CROP (in cwts.)

UNITED STATES 6,411,000
INDIA 5,000,000 ?
RUSSIA 1,447,000
JAPAN 895,000
GERMANY 577,000
DUTCH E. INDIES 1,001,000
AUSTRIA-HUNGARY 801,000
CUBA 367,000

A YEAR'S CONSUMPTION (in lbs. per head)

HOLLAND 7·5
BELGIUM 6·6
UNITED STATES 5·8
GERMANY 3·5
FRANCE 2·2
CANADA 2·72
AUST.-HUNGARY 2·68
AUSTRALIA 2·58
UNITED KINGDOM 1·98

RUBBER & SILK.

15a

RUBBER SILK Chief producing areas
Direction of export

ARCTIC OCEAN
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
Arctic Circle
Tropic of Cancer
Tropic of Capricorn
Equator
United Kingdom
Mexico
West Indies
Brazil
Bahia
China
Japan
Ceylon
Sumatra
Java
Samoa

RUBBER

A YEAR'S PRODUCTION (in tons)

BRAZIL 34,900
WEST COAST OF AFRICA 14,800
MEXICO 8,000
FURTHER INDIA & E. INDIES 6,800
CONGO & SUDAN 6,000
BOLIVIA 2,900
PERU 2,700
CEYLON & INDIA 1,430

SILK

A YEAR'S PRODUCTION OF RAW SILK (in lbs.)

CHINA 13,545,000
ITALY 12,753,000
JAPAN 12,725,000
ASIA MINOR 3,051,000
INDIA 2,630,000 (?)
TONKING 1,651,181
FRANCE 1,380,000

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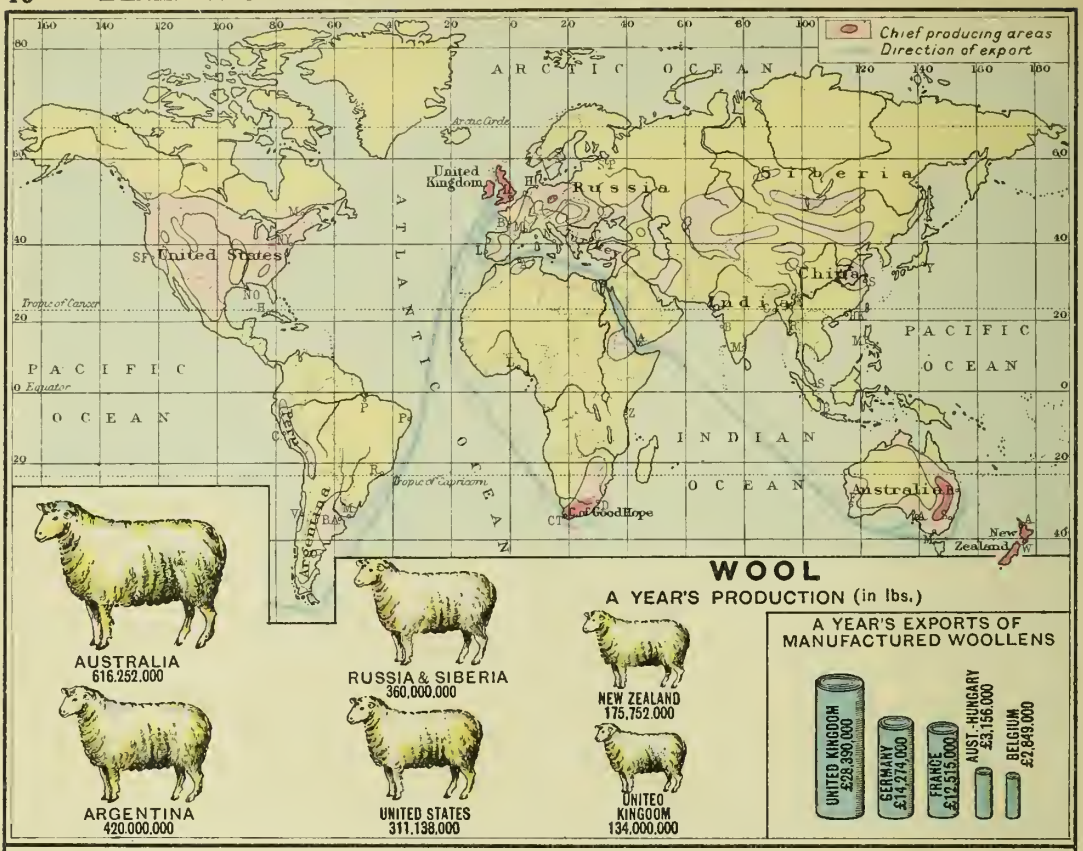
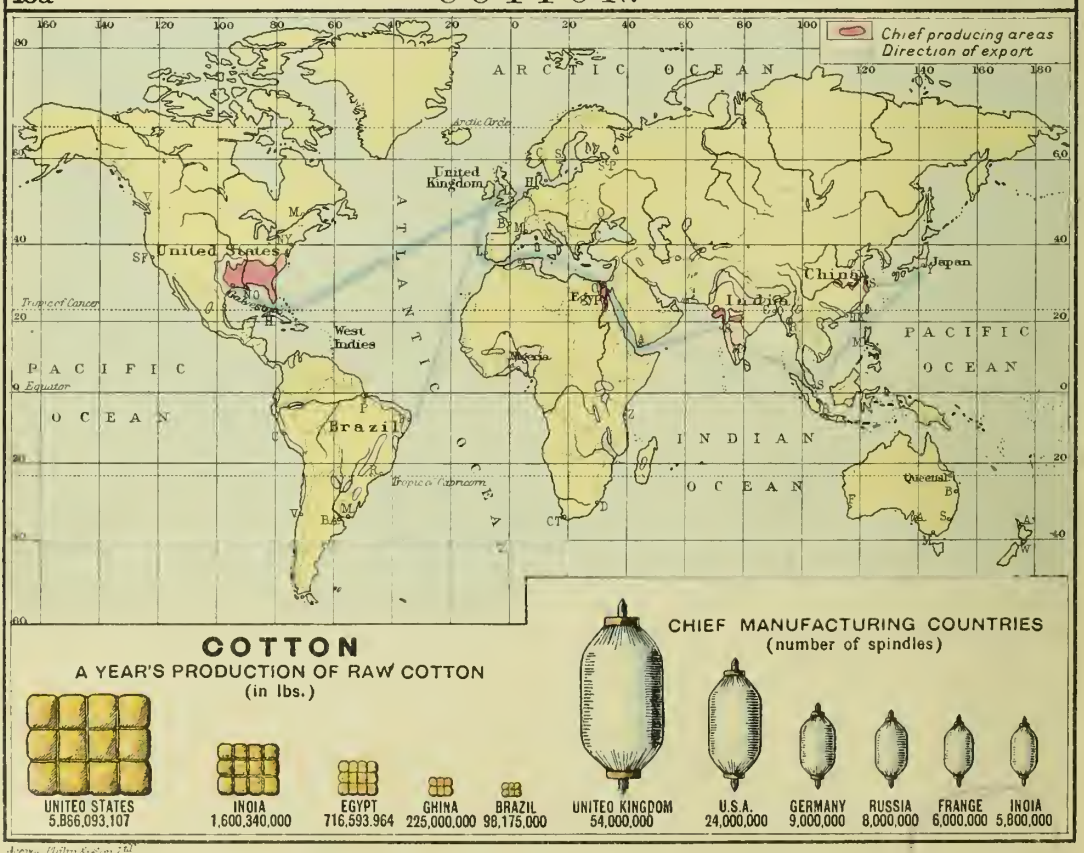
THE WORLD'S SOURCES OF SUPPLY—WOOL.



16a

COTTON.



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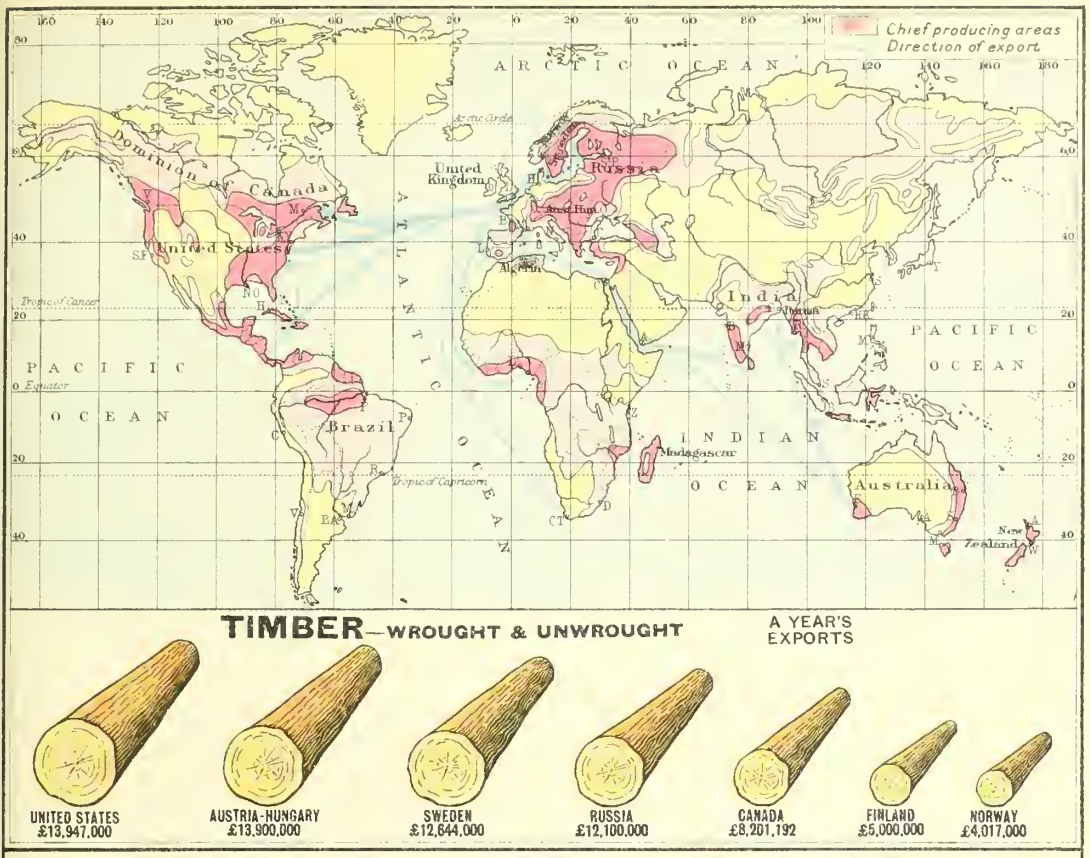
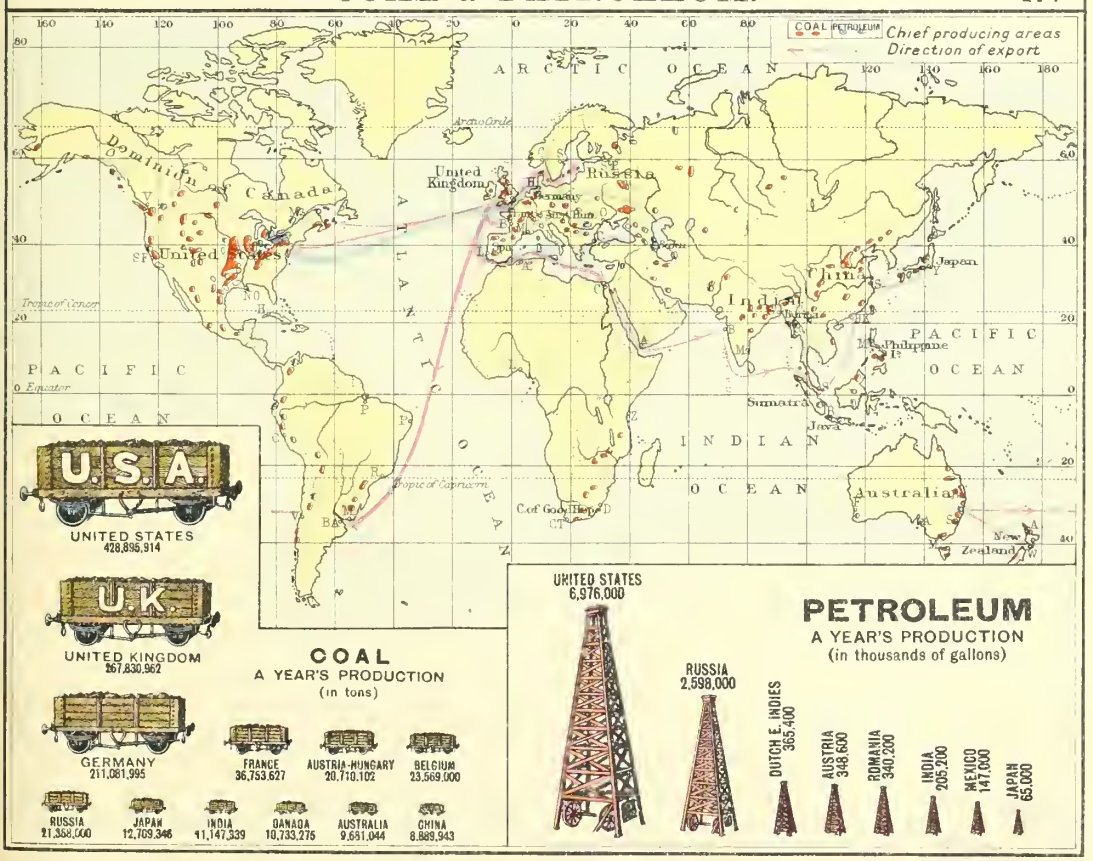


COAL & PETROLEUM. 17a.



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18 THE WORLD'S SOURCES OF SUPPLY—GOLD.

Chief producing areas
Direction of export

ARCTIC OCEAN
Arctic Circle
Alaska
Klondyke
Dominion of Canada
United States
United Kingdom
Russia
Siberia
India
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
Tropic of Cancer
Tropic of Capricorn
Johannesburg
Transvaal
Kalgoorlie
Australia
Tasmania
New Zealand

TRANSVAAL
£29,973,115

UNITED STATES
£18,583,253

AUSTRALIA
£13,107,414

RUSSIA
£5,752,356

MEXICO
£3,808,718

RHODESIA
£2,176,886

INDIA
£2,133,691

NEW ZEALAND
£2,027,490

CANADA
£1,698,868

GOLD COAST
£1,130,975

GOLD
A YEAR'S PRODUCTION
(Value in £s sterling.)

18a. SILVER & PRECIOUS STONES.

Diamond
Ruby
Emerald
Pearl
Opal
Turquoise
Sapphire

Chief producing areas
Direction of export

ARCTIC OCEAN
Arctic Circle
Dominion of Canada
Cobalt
United States
United Kingdom
Amsterdam
Russia
Siberia
Persia
Japan
Mogok
Siam
Ceylon
Colombia
Venezuela
Guiana
Brazil
Bolivia
Kimberley
Broken Hill
Australia
Tasmania
ATLANTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
Tropic of Cancer
Tropic of Capricorn
Equator

MEXICO
£10,113,419

UNITED STATES
£7,665,718

CANADA £1,712,118

GERMANY £1,696,304

PERU £1,229,951

AUSTRALIA £850,719

BOLIVIA £560,000

JAPAN £432,000

SPAIN £400,000

SILVER
A YEAR'S PRODUCTION
(Value in £s sterling.)

DIAMONDS
A YEAR'S PRODUCTION

CAPE OF GOOD HOPE
£4,137,166

TRANSVAAL
£1,799,113

ORANGE F. STATE
£1,140,958

GERMAN S.W. AFRICA
£1,058,497

BRAZIL
£100,000

S. RHODESIA
£10,350

BRIT. GUIANA
£6,103

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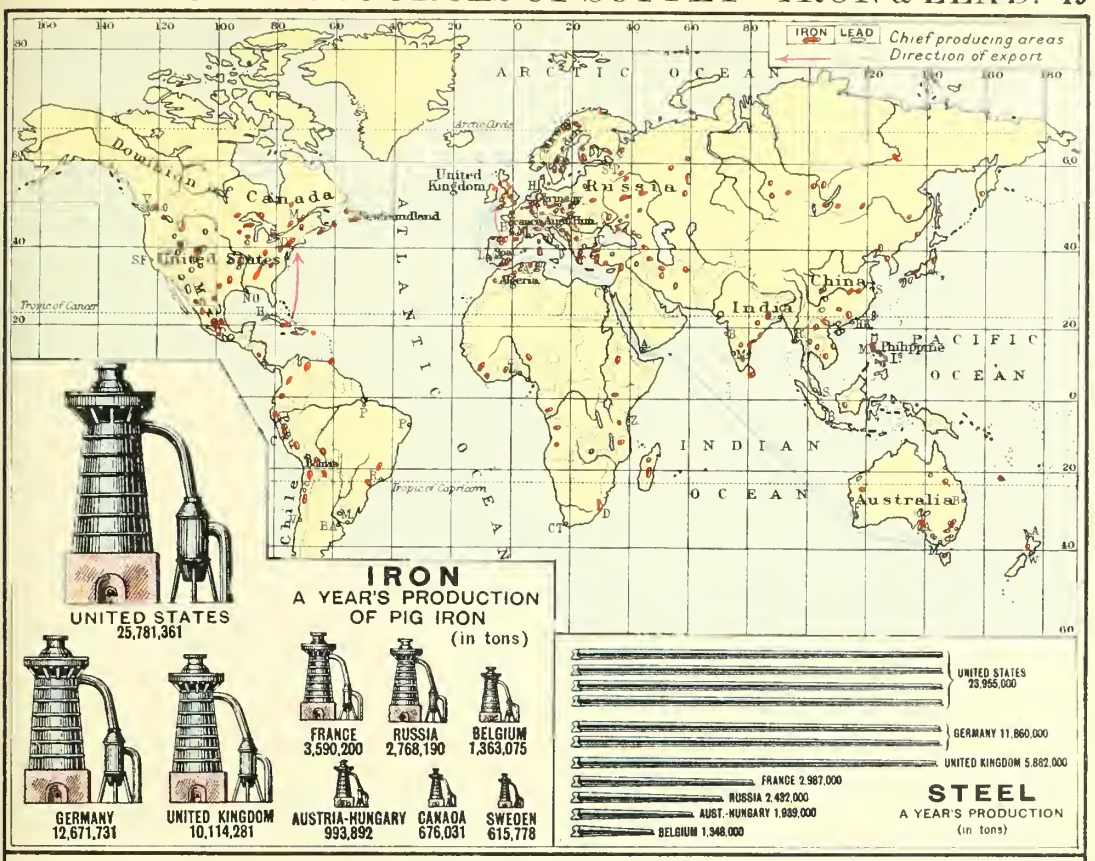
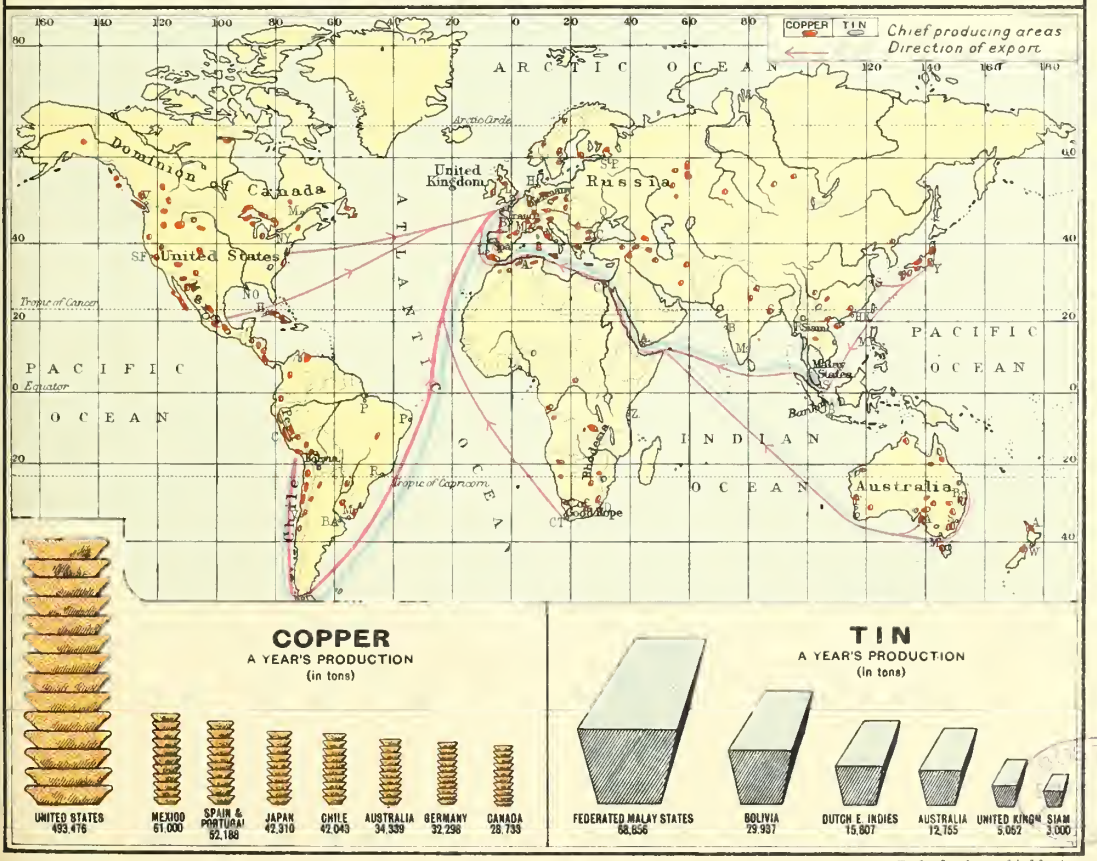


COPPER & TIN.

19a.



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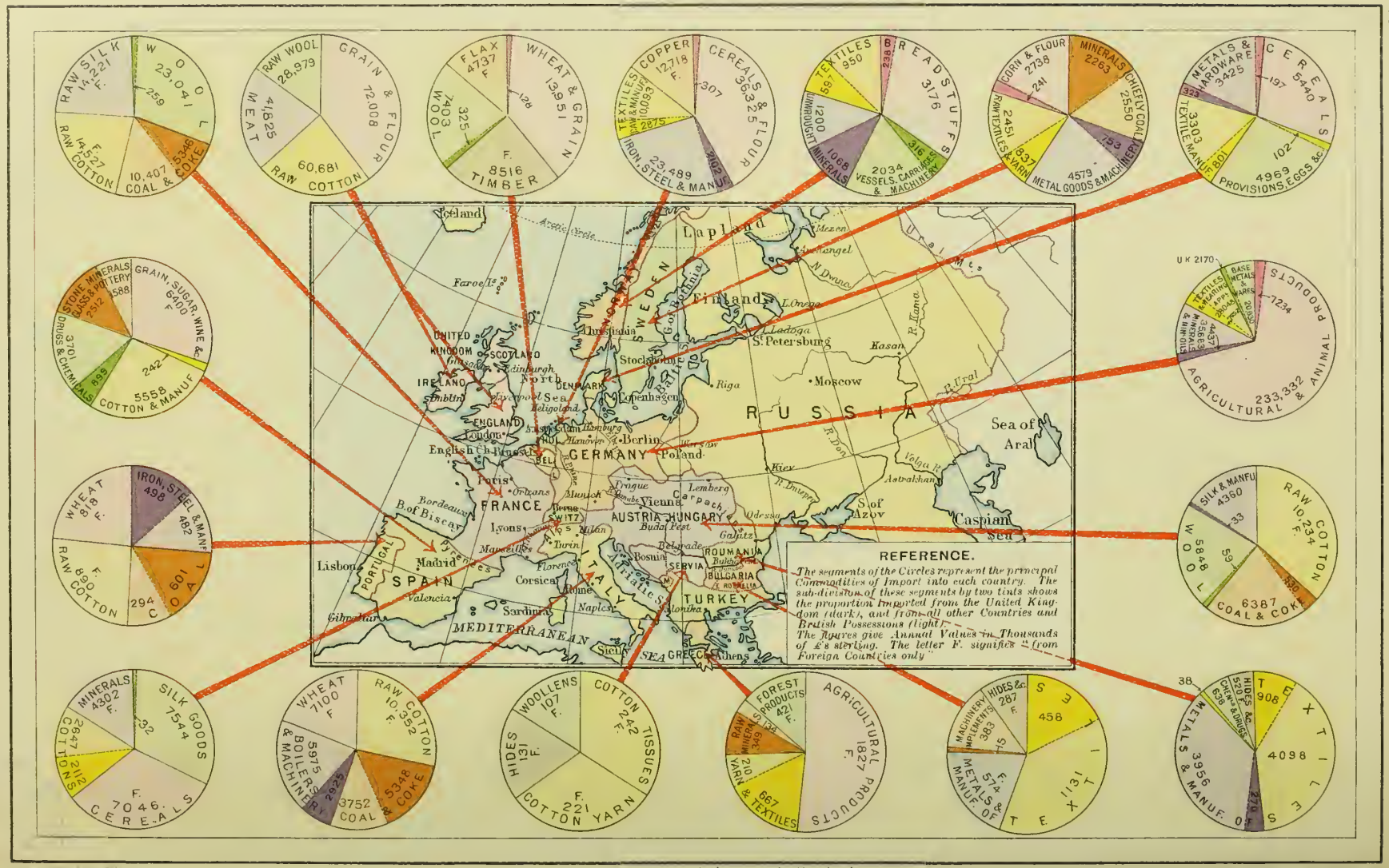
THE WORLD'S MARKETS—EUROPE.

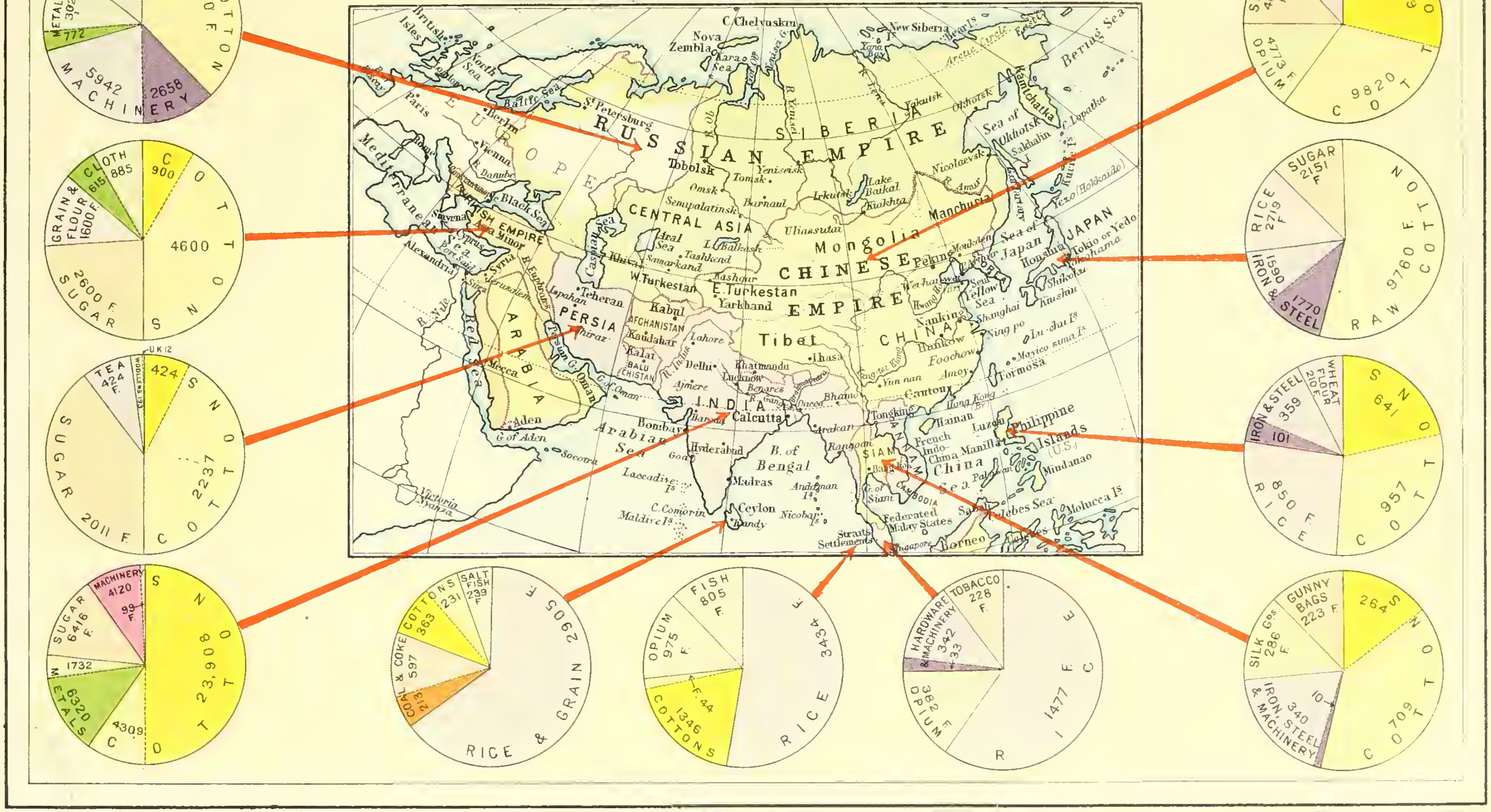


Note: The circles bear no relation to each other in size.

THE WORLD'S MARKETS—ASIA.

REFERENCE.

The segments of the Circles represent the principal Commodities of Import into each country. The sub-division of these segments by two tints shows the proportion Imported from the United Kingdom (dark), and from all other Countries and British Possessions (light). The figures give Annual Values in Thousands of £'s sterling. The letter F. signifies "from Foreign Countries only."



Note: The circles bear no relation to each other in size.

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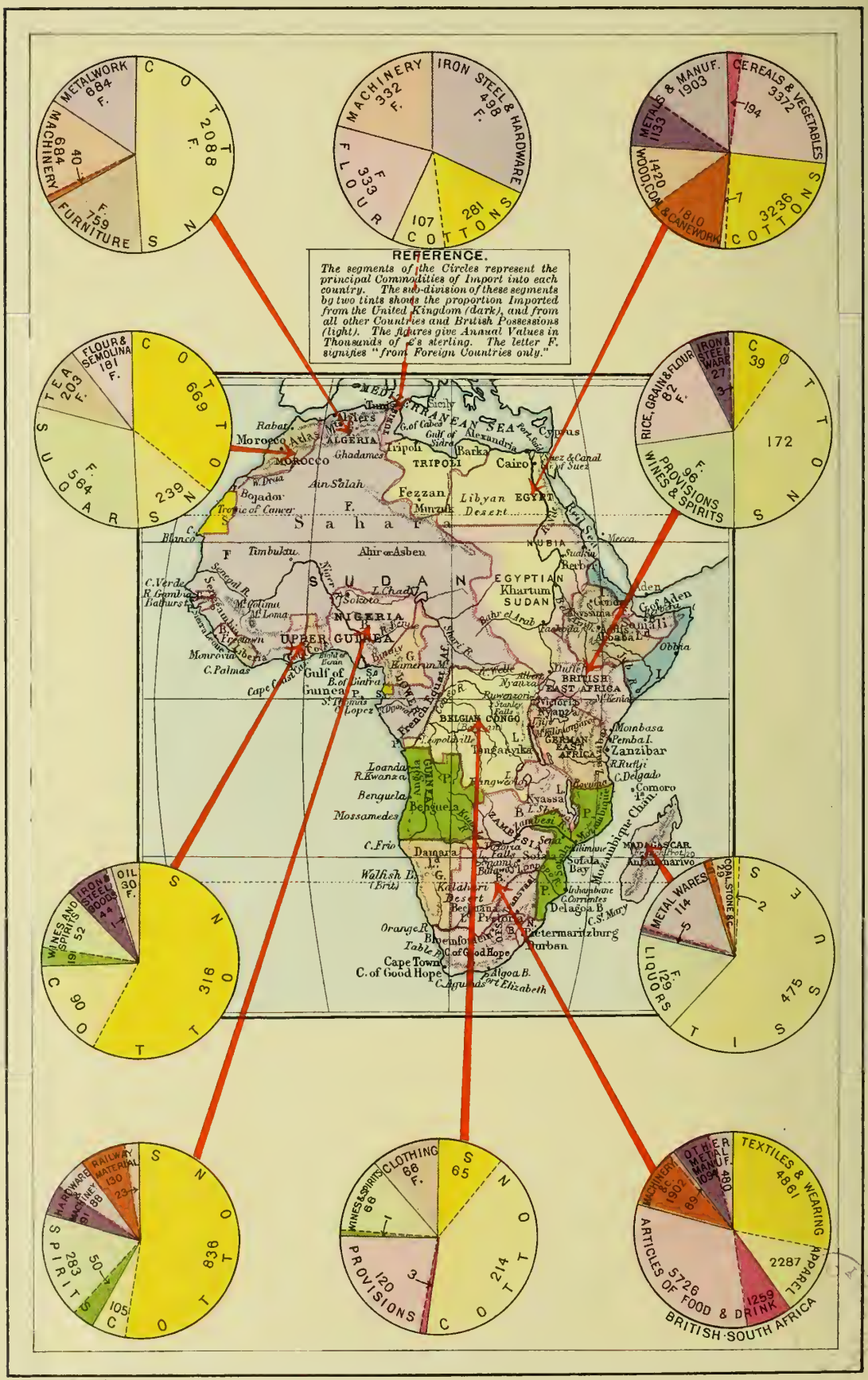
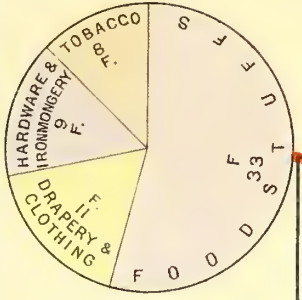
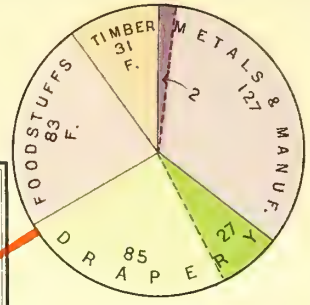
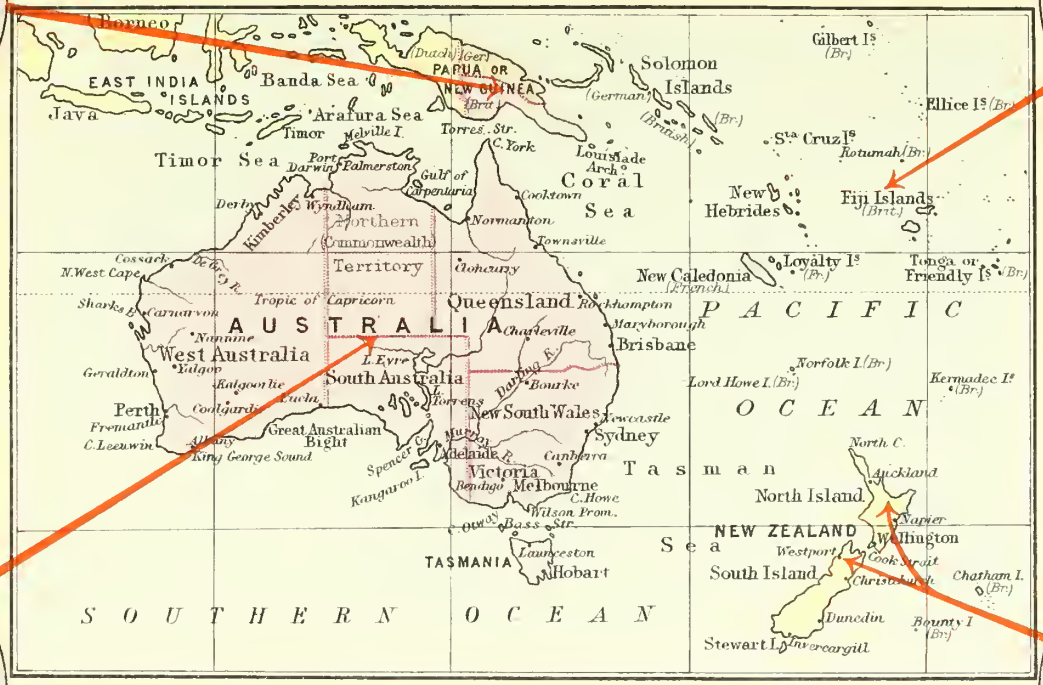


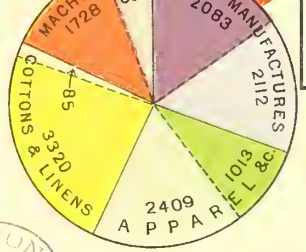
Note: The circles bear no relation to each other in size.

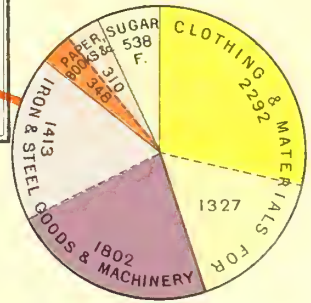
THE WORLD'S MARKETS—AUSTRALASIA.











REFERENCE.

The segments of the Circles represent the principal Commodities of Import into each country. The sub-division of these segments by two tints shows the proportion Imported from the United Kingdom (dark), and from all other Countries and British Possessions (light). The figures give Annual Values in Thousands of £'s sterling. The letter F. signifies "from Foreign Countries only."

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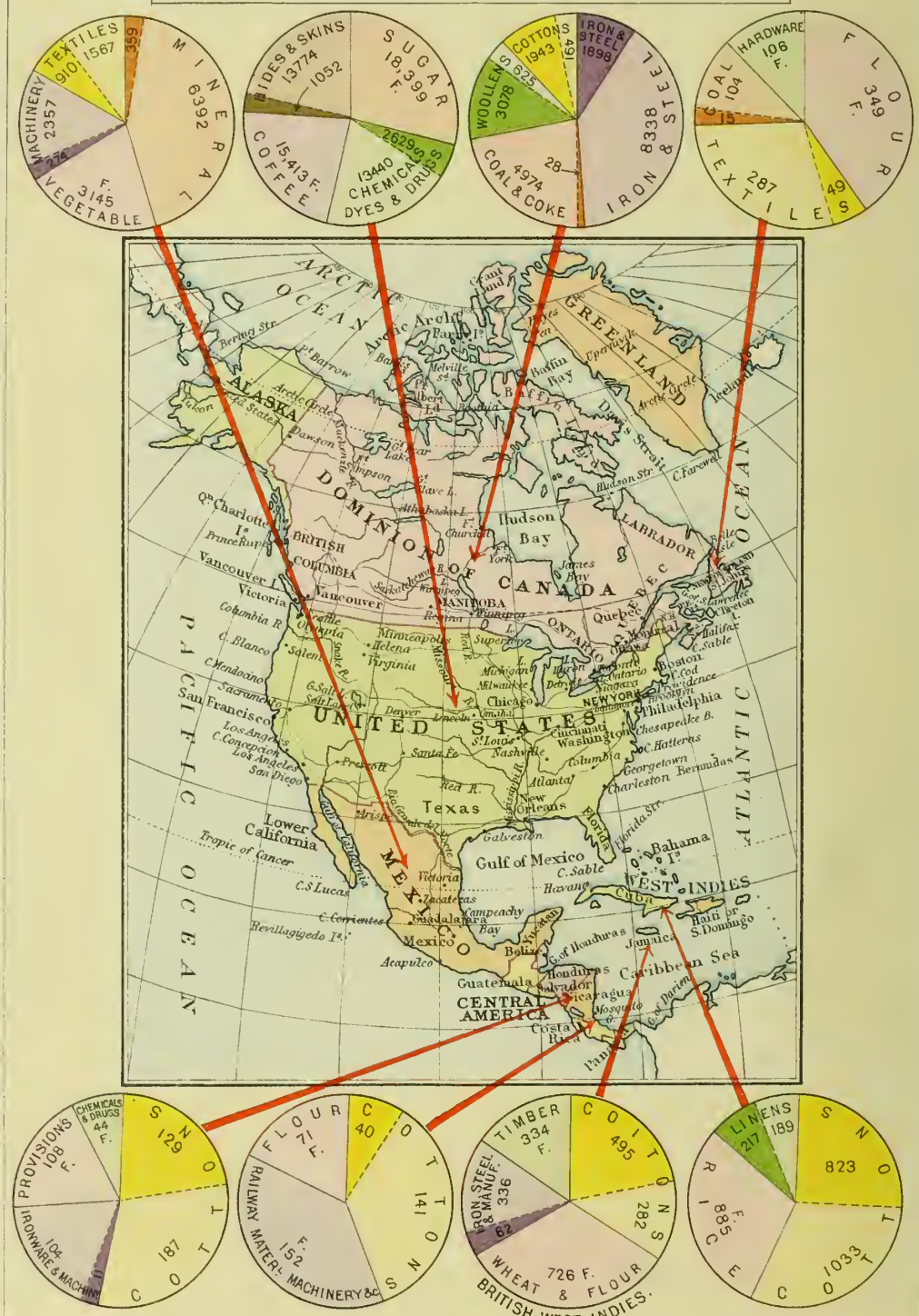

Note. The circles bear no relation to each other in size.

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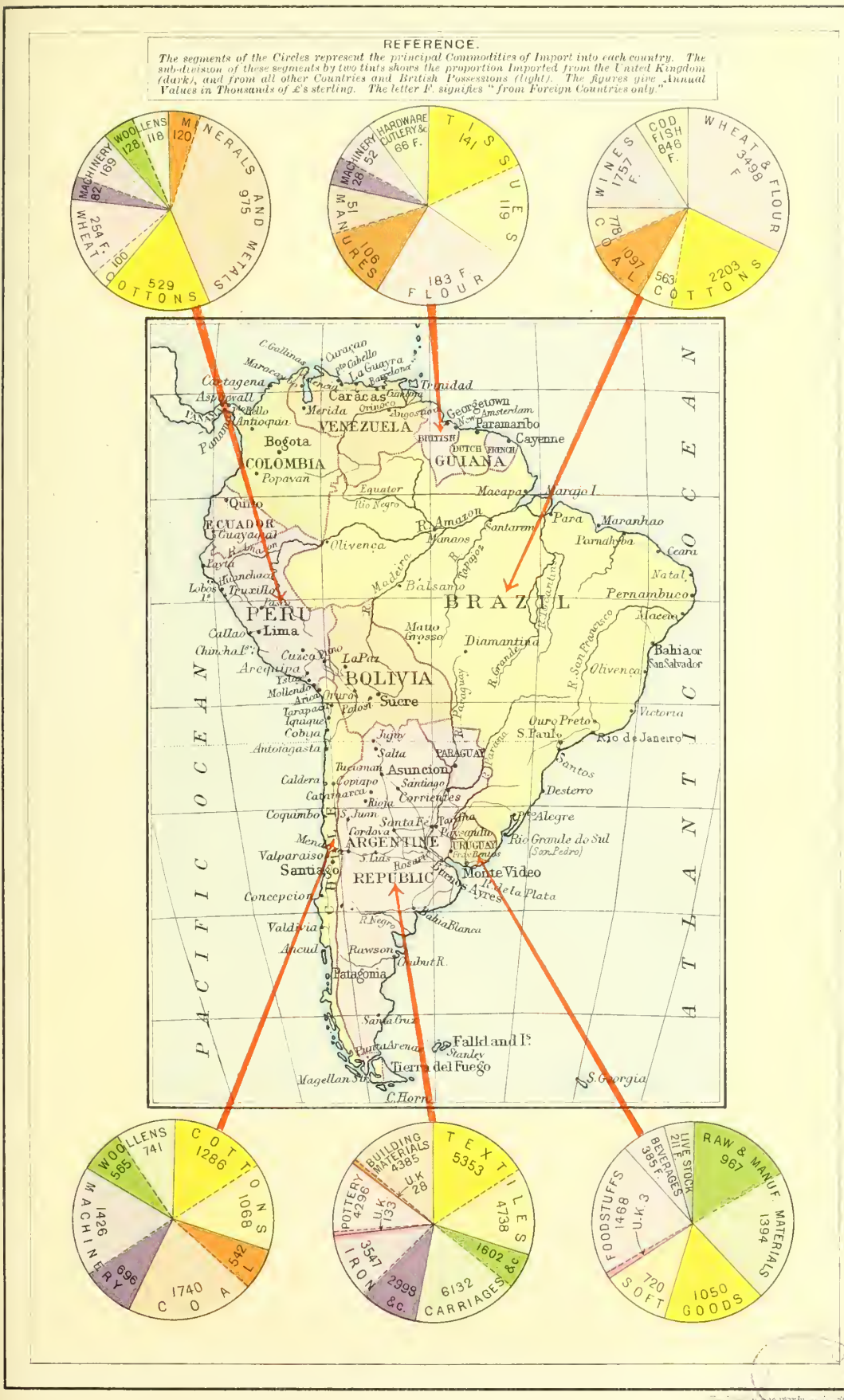
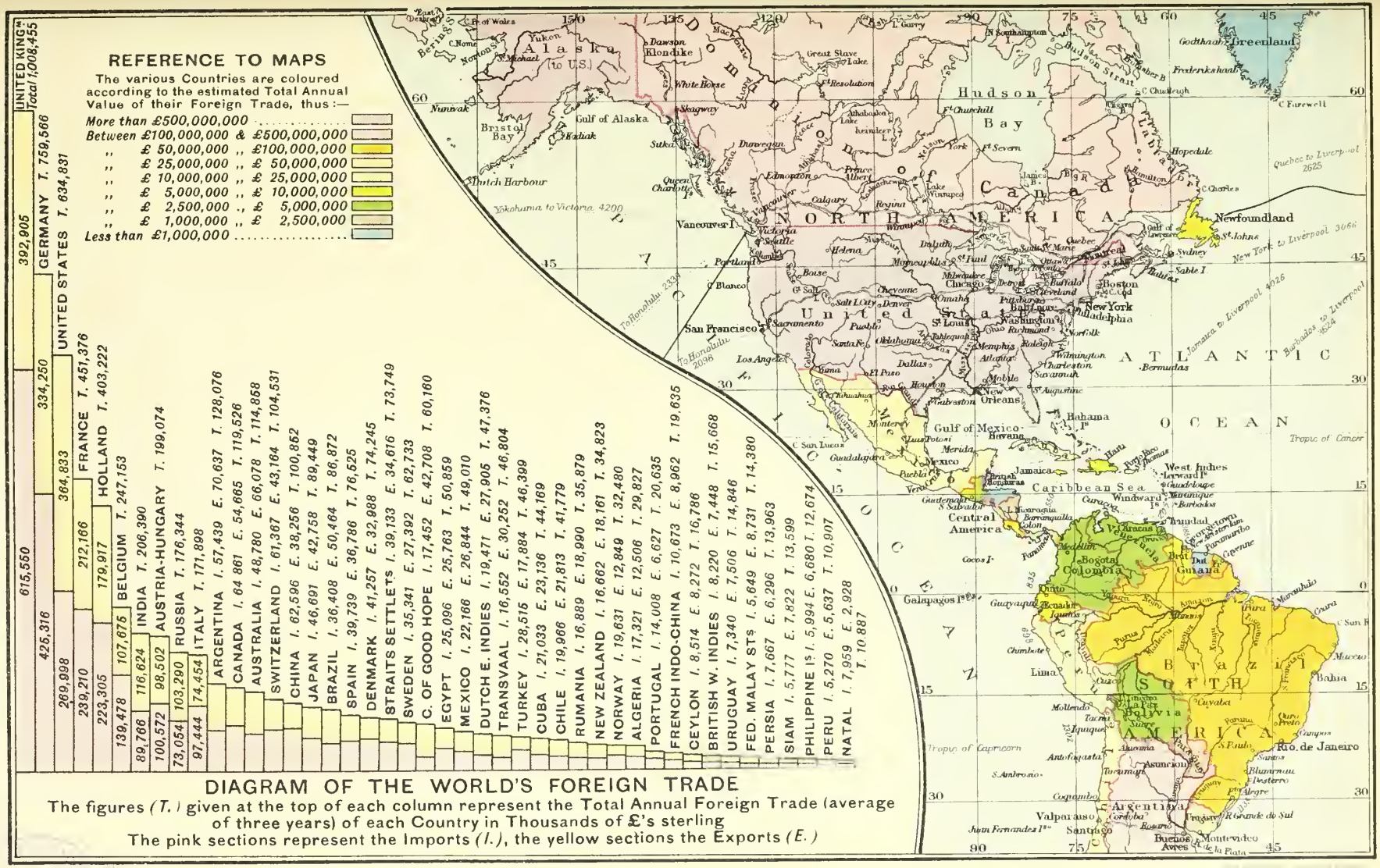


Note: The circles bear no relation to each other in size.

THE OLD WORLD'S TRADE.


REFERENCE TO MAPS
The various Countries are coloured according to the estimated Total Annual Value of their Foreign Trade, thus:—
More than £500,000,000
Between £100,000,000 & £500,000,000
,, £ 50,000,000 ,, £100,000,000
,, £ 25,000,000 ,, £ 50,000,000
,, £ 10,000,000 ,, £ 25,000,000
,, £ 5,000,000 ,, £ 10,000,000
,, £ 2,500,000 ,, £ 5,000,000
,, £ 1,000,000 ,, £ 2,500,000
Less than £1,000,000
UNITED KINGDOM Total 1,008,455
GERMANY T. 759,566
UNITED STATES T. 634,831
FRANCE T. 451,376
HOLLAND T. 403,222
BELGIUM T. 247,153
INDIA T. 206,390
AUSTRIA-HUNGARY T. 199,074
RUSSIA T. 176,344
ITALY T. 171,898
ARGENTINA I. 57,439 E. 70,637 T. 128,076
CANADA I. 64 861 E. 54,665 T. 119,526
AUSTRALIA I. 48,780 E. 66,078 T. 114,858
SWITZERLAND I. 61,367 E. 43,164 T. 104,531
CHINA I. 62,596 E. 38,256 T. 100,852
JAPAN I. 46,691 E. 42,758 T. 89,449
BRAZIL I. 36,408 E. 50,464 T. 86,872
SPAIN I. 39,739 E. 36,786 T. 76,525
DENMARK I. 41,257 E. 32,988 T. 74,245
STRAITS SETTLETS I. 39,133 E. 34,616 T. 73,749
SWEDEN I. 35,341 E. 27,392 T. 62,733
C. OF GOOD HOPE I. 17,452 E. 42,708 T. 60,160
EGYPT I. 25,096 E. 25,763 T. 50,859
MEXICO I. 22,166 E. 26,844 T. 49,010
DUTCH E. INDIES I. 19,471 E. 27,905 T. 47,376
TRANSVAAL I. 16,552 E. 30,252 T. 46,804
TURKEY I. 28,516 E. 17,884 T. 46,399
CUBA I. 21,033 E. 23,136 T. 44,169
CHILE I. 19,966 E. 21,813 T. 41,779
RUMANIA I. 16,889 E. 18,990 T. 35,879
NEW ZEALAND I. 16,662 E. 18,161 T. 34,823
NORWAY I. 19,631 E. 12,849 T. 32,480
ALGERIA I. 17,321 E. 12,506 T. 29,827
PORTUGAL I. 14,008 E. 6,627 T. 20,635
FRENCH INDO-CHINA I. 10,673 E. 8,962 T. 19,635
CEYLON I. 8,514 E. 8,272 T. 16,786
BRITISH W. INDIES I. 8,220 E. 7,448 T. 15,668
URUGUAY I. 7,340 E. 7,506 T. 14,846
FED. MALAY STS I. 5,649 E. 8,731 T. 14,380
PERSIA I. 7,667 E. 6,296 T. 13,963
SIAM I. 5,777 E. 7,822 T. 13,599
PHILIPPINE IS I. 5,994 E. 6,680 T. 12,674
PERU I. 5,270 E. 5,637 T. 10,907
NATAL I. 7,959 E. 2,928 T. 10,887
392,905
334,250
615,550
364,833
212,166
179,917
107,675
116,624
98,502
103,290
74,454
269,998
239,210
223,305
139,478
89,766
100,572
73,054
97,444
425,316
DIAGRAM OF THE WORLD'S FOREIGN TRADE
The figures (T.) given at the top of each column represent the Total Annual Foreign Trade (average of three years) of each Country in Thousands of £'s sterling
The pink sections represent the Imports (I.), the yellow sections the Exports (E.)
NORTH AMERICA
SOUTH AMERICA
ATLANTIC OCEAN
PACIFIC OCEAN
Dominion of Canada
United States
Hudson Bay
Greenland
Newfoundland
Alaska (to U.S.)
Gulf of Mexico
Caribbean Sea
Central America
Colombia
Venezuela
Guiana
Brazil
Bolivia
Argentina
Chile
Peru
Ecuador
Tropic of Cancer
Tropic of Capricorn
Equator
Quebec to Liverpool 2625
New York to Liverpool 3066
Jamaica to Liverpool 4926
Barbados to Liverpool 4614
Yokohama to Victoria 4200
To Honolulu 2336
To Honolulu 2096

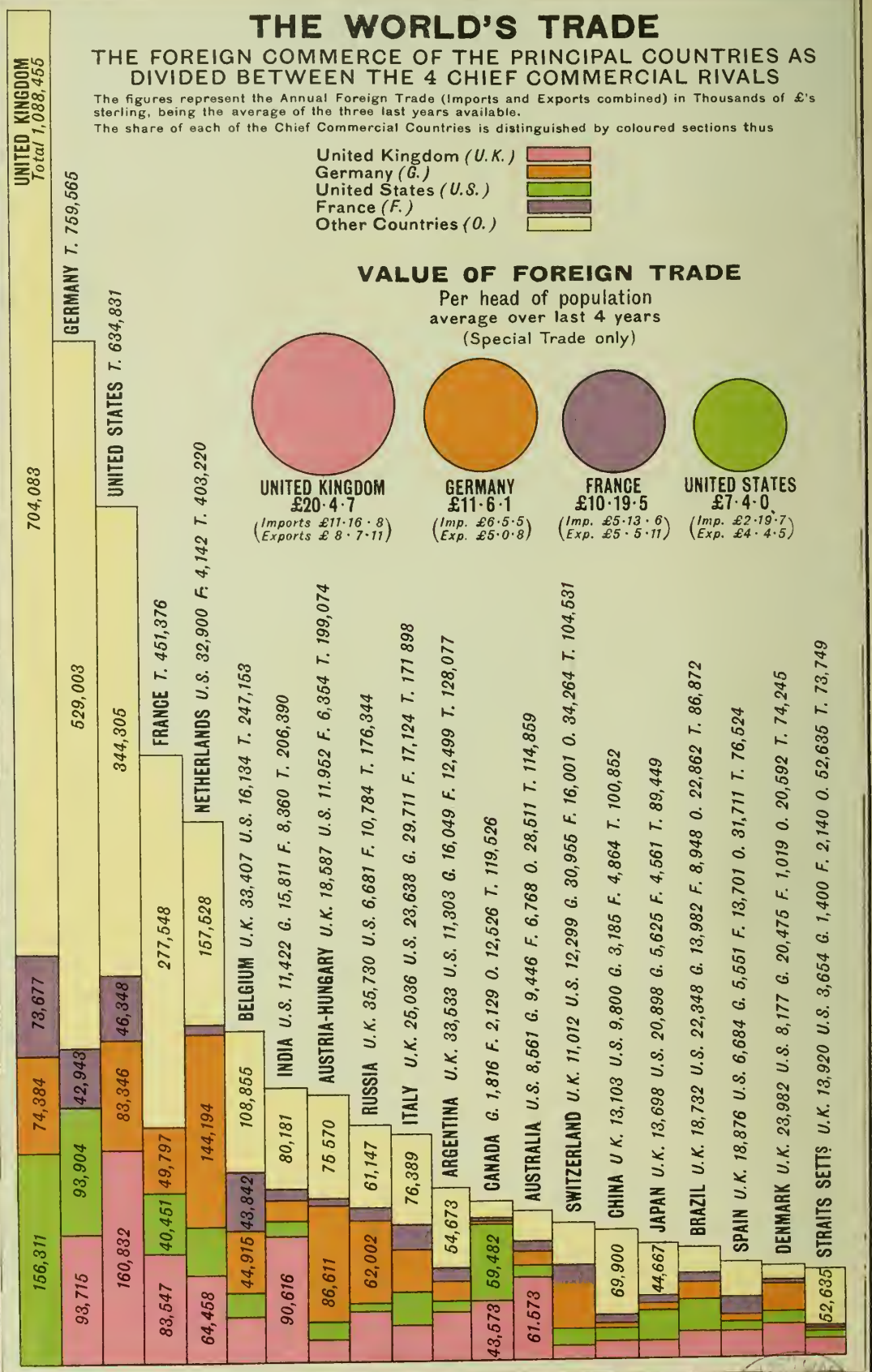
THE WORLD'S TRADE

THE FOREIGN COMMERCE OF THE PRINCIPAL COUNTRIES AS DIVIDED BETWEEN THE 4 CHIEF COMMERCIAL RIVALS

The figures represent the Annual Foreign Trade (Imports and Exports combined) in Thousands of £'s sterling, being the average of the three last years available.

The share of each of the Chief Commercial Countries is distinguished by coloured sections thus

- United Kingdom *(U.K.)*
- Germany *(G.)*
- United States *(U.S.)*
- France *(F.)*
- Other Countries *(O.)*



Philip & Son Ltd

THE UNITED KINGDOM, THE UNITED STATES, GERMANY AND FRANCE COMPARED

(Annual Average of the last 4 years)

UNITED KINGDOM	UNITED STATES	GERMANY	FRANCE
45,217	91,272	64,903	39,252

POPULATION (in Thousands)

26·5	Complete Statistics not available	32·4	20·3

BIRTH RATE (per thousand)

15·4	Complete Statistics not available	18·4	19·7

DEATH RATE (per thousand)

124,387	55,643	41,209	48,915

SHIPPING—Tonnage entered, &c.

1,244	804	1,207	459

RAILWAYS—Passengers carried in Millions

489	1,145	472	144

RAILWAYS—Goods conveyed in Millions of Tons

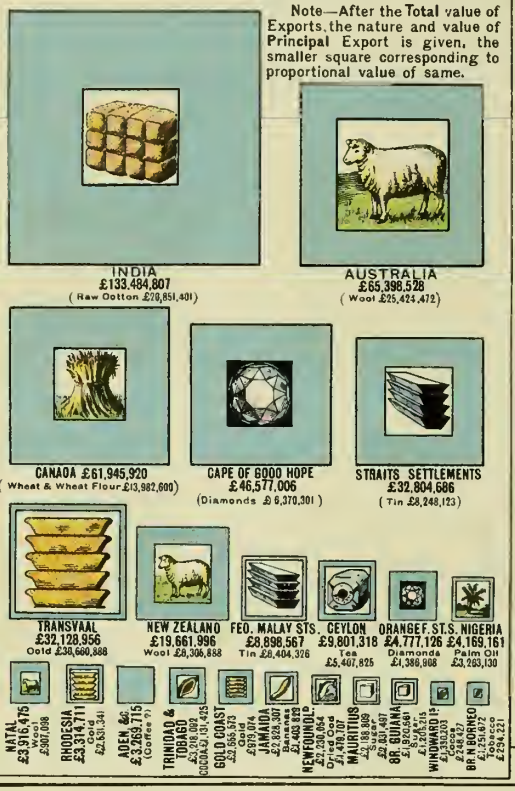
118·0	485·9	128·2	35·7

RAILWAYS—Gross Receipts in Millions of £'s

COMMERCE OF BRITISH COLONIES AND DEPENDENCIES

A YEAR'S EXPORTS

Note—After the Total value of Exports, the nature and value of Principal Export is given, the smaller square corresponding to proportional value of same.

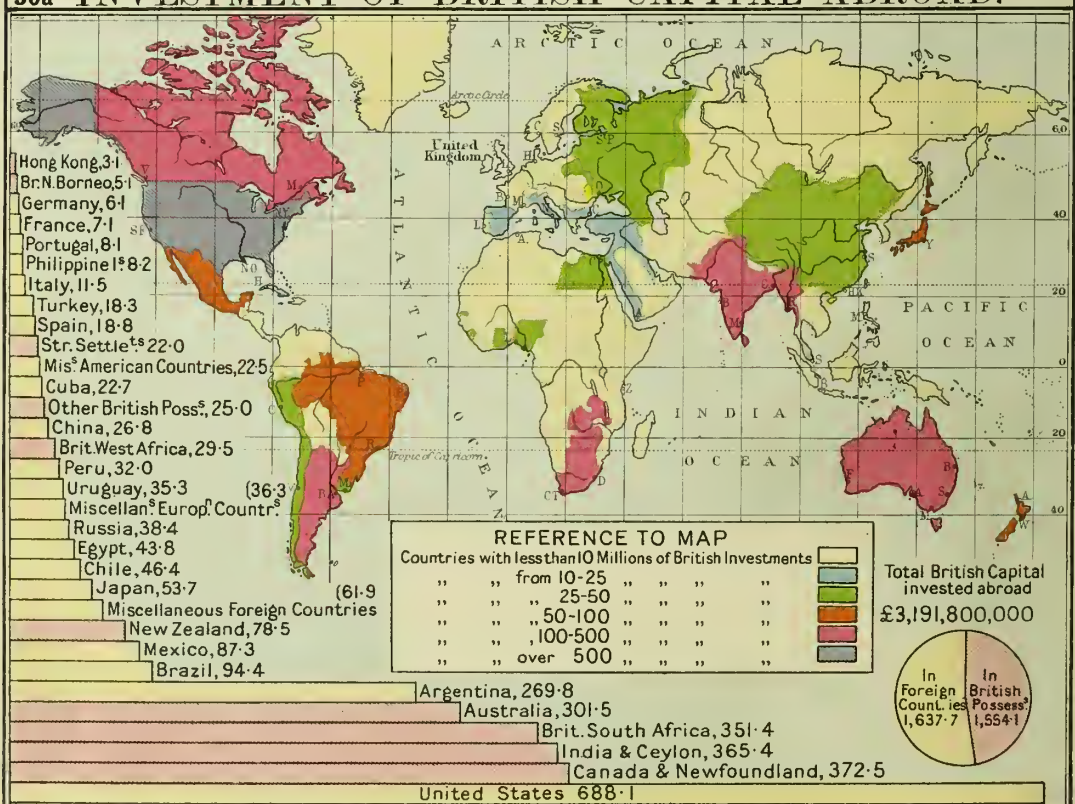


COMMERCE OF BRITISH COLONIES AND DEPENDENCIES

(A Year's Imports)

Note—The size of the *squares* indicates the comparative value of the Imports of each.

30a INVESTMENT OF BRITISH CAPITAL ABROAD.



The figures to Diagram give the British Capital invested in each country in Millions of £'s sterling. British Poss.s pink: Foreign Countries, yellow.

The figures are based upon a paper read before the Royal Statistical Society in December, 1910, by Mr. G. Paish, and include Investments in Government and Municipal loans, railways, banking, mining and industrial ventures generally. Further sums invested, the value of which is not ascertainable would probably raise the total investments of British Capital abroad to over £3,500,000,000.

NATIONAL REVENUES OF THE WORLD

RUSSIA £268,908,500

UNITED KINGDOM £180,000,000

FRANCE £170,767,000

GERMANY £142,689,000

UNITED STATES £135,102,300

AUSTRIA £110,394,000

ITALY £103,387,900

JAPAN £53,300,000

HUNGARY £63,607,000

SPAIN £37,483,000

BELGIUM £27,976,800

TURKEY £27,764,740

ARMIES OF THE WORLD

PEACE STRENGTH

(Regular Forces only)

ON A WAR FOOTING	
GERMANY	5,000,000
RUSSIA	4,500,000
FRANCE (WITH ALGERIA)	4,000,000
ITALY	3,000,000
AUSTRIA-HUNGARY	2,500,000
JAPAN	2,000,000
TURKEY	1,000,000
UNITED KINGDOM (REGULARS ONLY)	388,000
UNITED STATES	91,000

RUSSIA 1,200,000

GERMANY 619,006

FRANCE 600,183

TURKEY 375,000

AUSTRIA HUNGARY 316,609

ITALY 284,823

JAPAN 225,000

UNITED KINGDOM 168,252

UNITED STATES 91,000

NATIONAL DEBTS OF THE WORLD

FRANCE £1,206,468,800

RUSSIA £919,347,500

UNITED KINGDOM £759,826,050

UNITED STATES £547,163,800

ITALY £523,614,460

SPAIN £378,676,600

HUNGARY £235,324,500

JAPAN £232,414,920

GERMANY £215,675,000

NAVIES OF THE WORLD*

SHIPS OF FIGHTING VALUE COMPARED

(Correct to March 31st, 1912)

	CAPITAL SHIPS (a)	CRUISERS (b)	DESTROYERS (c) & TORPEDO BOATS	SUBMARINES
BRITISH EMPIRE	65	72	163	84
GERMANY	32	38	98	16
FRANCE	26	19	207	79
UNITED STATES	31	23	38	31
JAPAN	19	19	79	14
RUSSIA	10	14	113	35
ITALY	9	9	45	13

NOTES.—(a) Completed Battleships less than 20 years old, and of 8,000 tons or over (including "Invincible" class of Battle-cruiser, and similar foreign types)

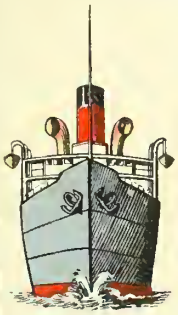
(b) Armoured and Protected Cruisers less than 15 years old and of over 2,000 tons

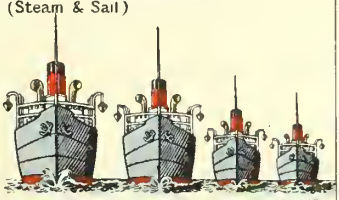
(c) Less than 11 years old

** Figures reproduced by kind permission from the "Navy League Annual"*

SHIPPING OF THE WORLD

(Steam & Sail)


UNITED KINGDOM
Ships . . . 9,417
Tonnage . . 17,516,000


UNITED STATES — Ships 3,469 — Tonnage 5,058,000
GERMANY — 2,178 — 4,333,000
NORWAY — 2,065 — 2,014,000
FRANCE — 1,465 — 1,882,000

BR. COLONIES — 2,078 — 1,495,000
ITALY — 1,100 — 1,320,000
JAPAN — 851 — 1,149,000
NETHERLANDS — 628 — 1,015,193

RAILWAYS OF THE WORLD

Mileage of the Principal Systems.

UNITED STATES 238,356

RUSSIA 44,950

GERMANY 37,026

INDIA 31,490

AUST.-HUNGARY 26,520

FRANCE 25,100

CANADA 24,500

UNITED KINGDOM 23,280

ARGENTINA 16,606

AUSTRALIA 16,652

MEXICO 15,350

GREAT STEAMSHIP LINES OF THE WORLD

(Ships & Tonnage)

NAMBURG-AMERIKA — Ships 168 — Tonnage 934,000

NORDDEUTSCHER-LLOYD — 136 — 692,000

WHITE STAR — 30 — 461,000

BRITISH INDIA S. N. CO. — Ships 109 — Tonnage 444,000
P. & O. S. N. CO. — 63 — 460,000
A. HOLT — 65 — 397,000
ELDER DEMPSTER — 108 — 328,000

FURNESS-WITHY — Ships 94 — Tonnage 283,000
ELLERMAN'S — 89 — 356,000
CIE. GEN. TRANSATLANTIQUE — 90 — 319,000
NIPPON YUSEN K. — 79 — 307,000

MESSAGERIES MAR. — Ships 66 — Tonnage 289,000
UNION-CASTLE — 44 — 319,000
NAVIGAZIONE GEN. ITALIANA — 109 — 293,000
AUSTRIAN LLOYD — 66 — 234,000
CUNARD — 18 — 202,000

A YEAR'S POSTAL BUSINESS

Pieces of Mail dealt with (in thousands)

UNITED STATES 24,763,368

GERMANY 9,024,364

UNITED KINGDOM 5,104,100

FRANCE 3,566,147

AUST.-HUNGARY 2,093,352

RUSSIA 1,691,837

ITALY 1,175,585

JAPAN 1,481,426

INDIA 944,193

BELGIUM 723,082

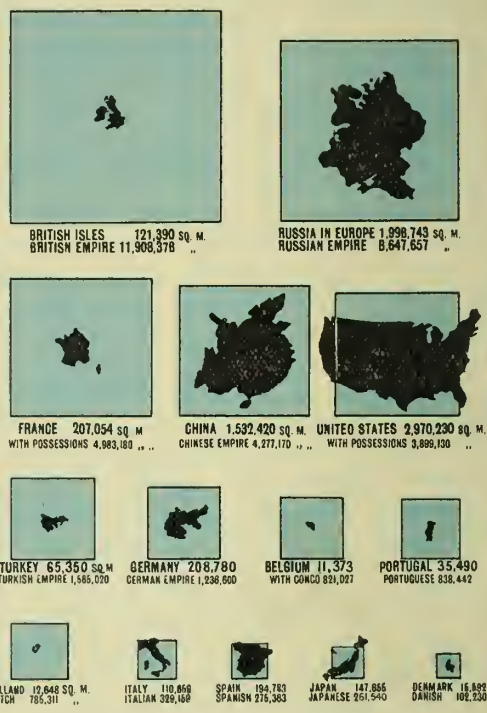
NETHERLANDS 535,008

ARGENTINA 668,124

SWITZERLAND 550,813

HOME & COLONIAL POPULATIONS OF THE WORLD'S EMPIRES

HOME & COLONIAL AREAS OF THE WORLD'S EMPIRES



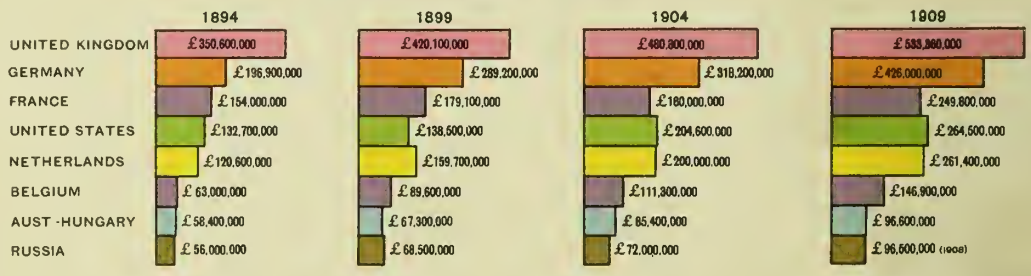
The maps are all drawn on an uniform scale.
The blue squares represent the area of each empire.

COMPARATIVE GROWTH OF FOREIGN TRADE OF CHIEF COMMERCIAL COUNTRIES.

32a

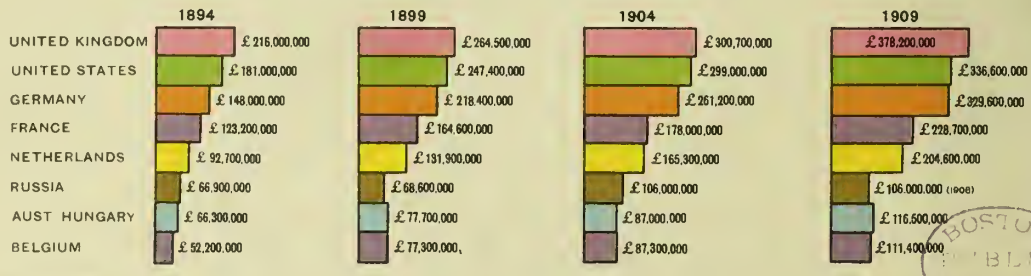
COMPARATIVE RISE & FALL OF IMPORTS OF MERCHANDISE OF THE PRINCIPAL COMMERCIAL COUNTRIES

(Figures are those of Special Imports for Home Consumption only)



COMPARATIVE RISE & FALL OF EXPORTS OF MERCHANDISE OF THE PRINCIPAL COMMERCIAL COUNTRIES

(Figures are those of Domestic Produce and Merchandise only)



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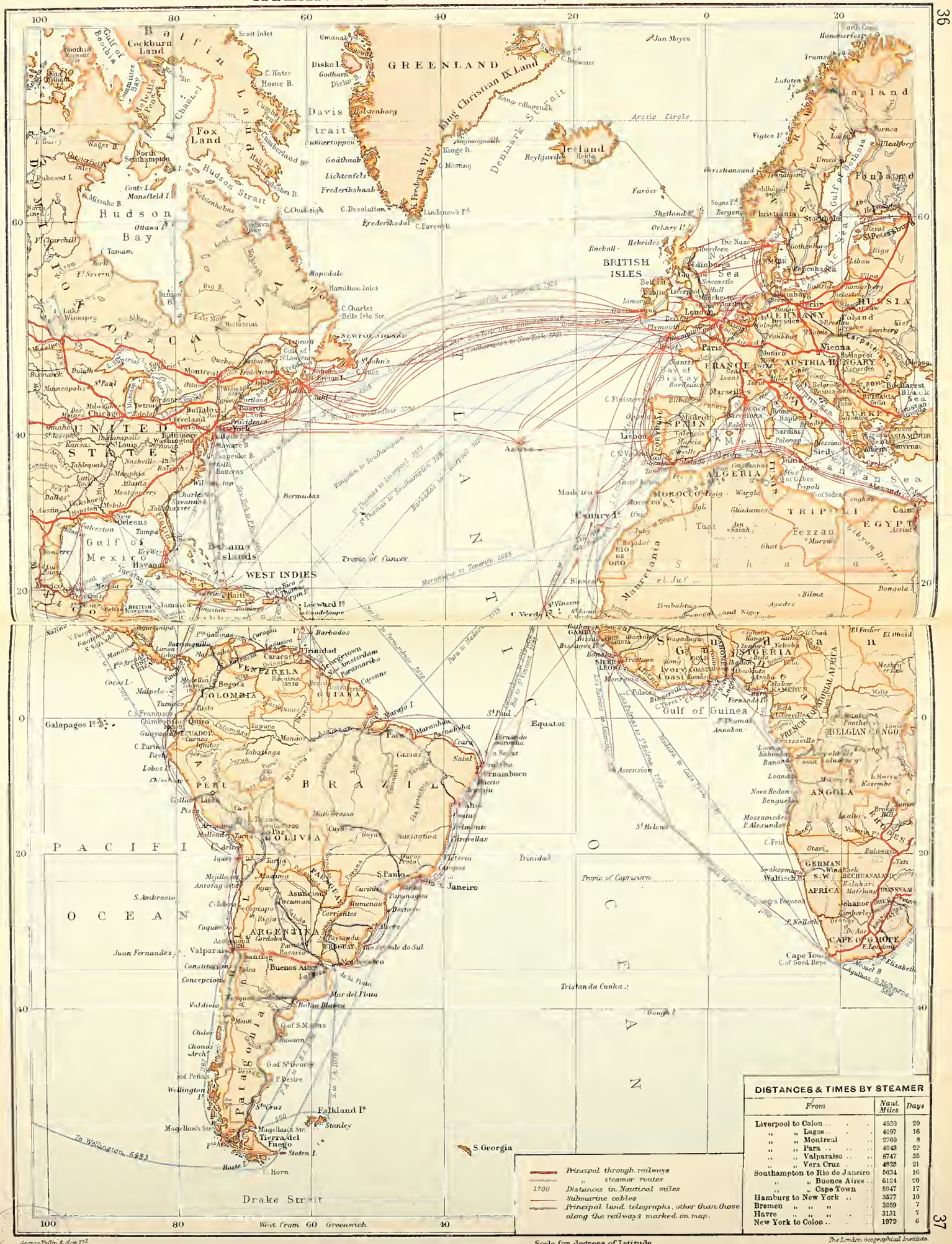
THE WORLD—MERCATOR.

THE OLD WORLD.

ATLANTIC OCEAN—COMMUNICATIONS.



DISTANCES & TIMES BY STEAMER

From	Naut. Miles	Days
Liverpool to Colon	4530	20
" " Lagos	4097	16
" " Montreal	2760	8
" " Para	4043	22
" " Valparaiso	8747	35
" " Vera Cruz	4825	21
Southampton to Rio de Janeiro	5634	16
" " Buenos Aires	6124	20
" " Cape Town	5947	17
Hamburg to New York	3577	10
Bremen " " "	3559	7
Havre " " "	3131	7
New York to Colon	1972	6

Principal through railways
" steamer routes
1700 Distances in Nautical miles
Submarine cables
Principal land telegraphs, other than those along the railways marked on map.

Equatorial Scale 1: 70,000,000

Scale for degrees of Latitude
0 200 400 600 800 miles
60 Geographical miles 1° of Equator

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EUROPE—POLITICAL & COMMUNICATIONS.

DISTANCES AND TIMES BY TRAIN AND STEAMER.

From	Stat Miles	
London to Paris	259	7 hrs
" " Lisbon	1435	50 "
" " Marseilles	825	20 "
" " Naples	1349	44½ "
" " Brindisi (P. & O. Exp.)	1459	44 "
" " Vienna	1052	31½ "
" " Constantinople ..	2176	72 "
" " Berlin	616	21 "
Paris . Lisbon	1176	35 "
" " Marseilles . .	615	11¾ "
" " Naples	1090	34½ "
" " Brindisi	1250	40 "
" " Vienna	862	21¾ "
" " Berlin	670	16¾ "
" " St. Petersburg .	1655	46¾ "
Berlin " Hamburg	177	3½ "
" " Vienna	442	13 "

From	Stat Miles	
Berlin to St Petersburg ..	983	30 hrs
" " Odessa	1070	51 "
Vienna to Constantinople	1054	38¾ "
" " Trieste	366	11½ "
St. Petersburg to Moscow	400	12 "
" " " Odessa ..	1206	43½ "
	Naut Miles	
London to Gibraltar ..	1313	4 days
Gibraltar to Marseilles ..	696	2½ "
" " Naples.. .	976	3¾ "
Marseilles to Algiers ..	402	1 "
" " Port Said ..	1506	4 "
" " Naples ..	456	1¾ "
Naples to Port Said.. ..	1113	3¾ "
Brindisi to Port Said ..	925	2 "
Constantinople to Alexandria	862	4 "

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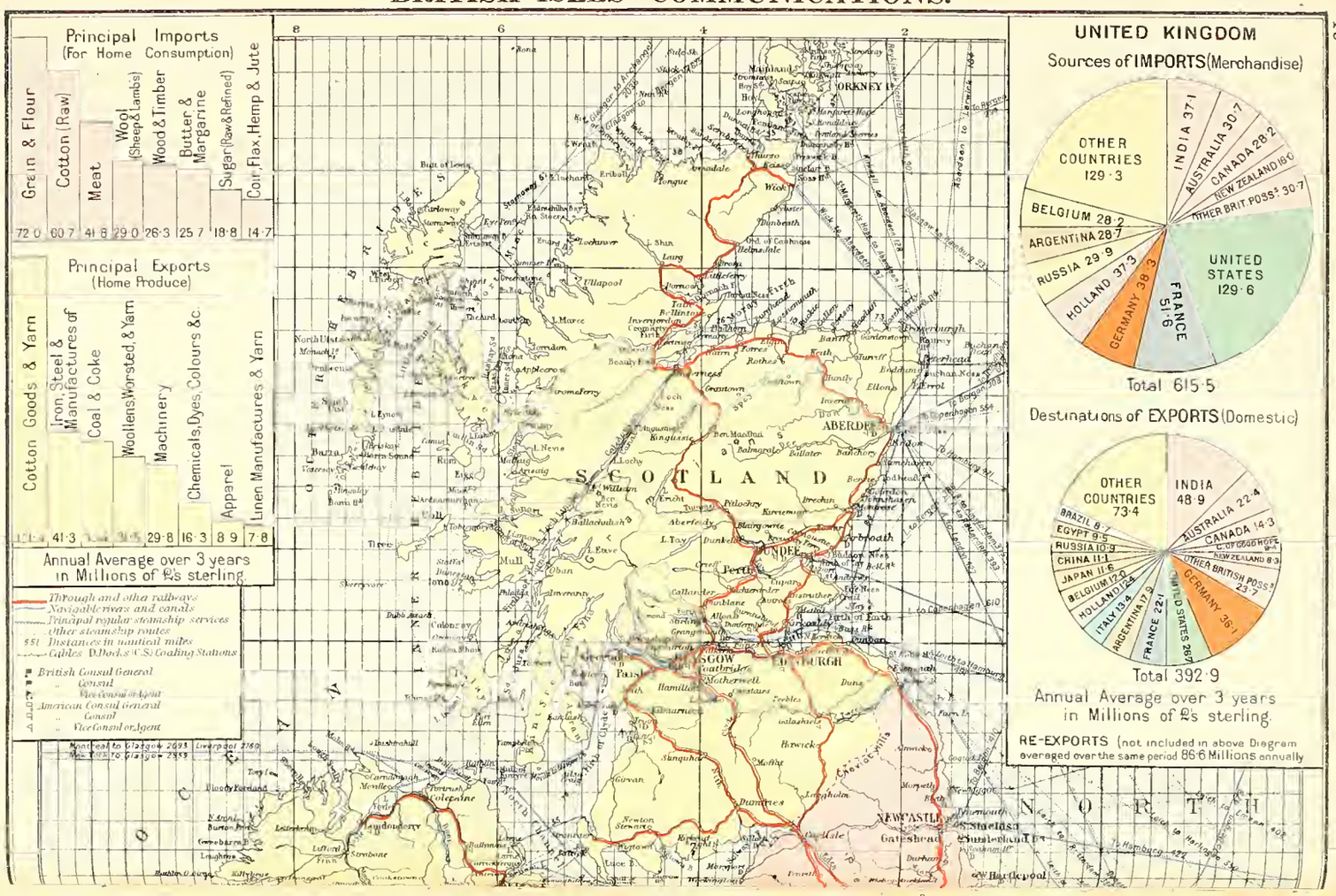
BRITISH ISLES—COMMUNICATIONS.



DISTANCES & TIMES BY TRAIN AND STEAMER

From	Stat. Miles	Hrs. min
London to Aberdeen	523	11 20
" " Dundee	452	9 22
" " Edinburgh	393	7 50
" " Glasgow	401	8 15
" " Belfast	344	12 15
" " Dublin	335	10 0
" " Cork	459	12 5
" " Liverpool	192	3 35
" " Manchester	183	3 30
" " Leeds	186	3 40
" " Birmingham	111	2 0
" " Nottingham	123	2 15
" " Cardiff	145	2 50
" " Bristol	118	2 0
" " Southampton	80	1 38
" " Dover	77	1 45
" " Plymouth	227	4 7
Glasgow to Belfast	118	5 40
" " Dublin	230	8 15
" " Liverpool	221	5 5
" " Leeds	215	4 45
Dublin to Manchester	197	6 45
" " Edinburgh	274	9 25

For Mail Steamship lines running from the United Kingdom, see maps of countries of destination.

Equatorial Scale 1 : 6,400,000

Scale for the degrees of Latitude

60 geographical miles = 1° of Equator

KEY TO SYMBOLS
Minerals:
B Building Stone
Coal
C Copper
G Gold
Granite
O Iron Ore
L Lead
L Salt
S Slate
T Tin
Z Zinc
Manufactures:
Brewing
Chemicals
Cottons
Cutlery
Glass
H Hardware
Hosiery
Iron & Steel
Lace
Leather
Machinery
Pottery
Paper
Ships
Silk
Tinplate
Tobacco
Woollens
Continuation of New Quay
Cornwall
BRISTOL CHANNEL
CHANNEL
Strait of Dover
Cardigan Bay
Bordsey I.
Lundy I.
Holyhead
Pembroke Dock
Milford Haven
Falmouth
Penzance
Lizard Hd
Start Pt
Portland Bill
Isle of Wight
Scale 1:1,600,000 (25 miles=1 inch)
Through and other railways
Steamship routes
551 Distances in nautical miles
West from Greenwich
Statute Miles
DISTANCES AND TIMES BY TRAIN
From | Stat. Miles | Hrs. min.
London to Bristol | 118 | 2 0
" " Dover | 77 | 1 45
" " Fishguard | 261 | 5 30
" " Folkestone | 72 | 1 40
" " Harwich | 70 | 1 40
" " Holyhead | 264 | 5 15
" " Liverpool | 192 | 3 35
" " Newhaven | 56 | 1 23
" " Plymouth | 227 | 4 7
" " Queenborough | 59 | 1 17
" " Southampton | 80 | 1 38
" " Weymouth | 143 | 3 11
From | Stat. Miles | Hrs. min.
Liverpool to Bristol | 188 | 4 47
" " Dover | 271 | 7 7
" " Harwich | 263 | 7 0
" " Holyhead | 111 | 2 50
" " Plymouth | 315 | 8 33
" " Southampton | 240 | 6 30
Birmingham to Bristol | 89 | 1 57
" to Dover | 192 | 5 22
" " Harwich | 183 | 5 30
" " Holyhead | 158 | 3 21
" " Liverpool | 87 | 2 0
" " Plymouth | 217 | 5 48
" " Southampton | 140 | 3 11
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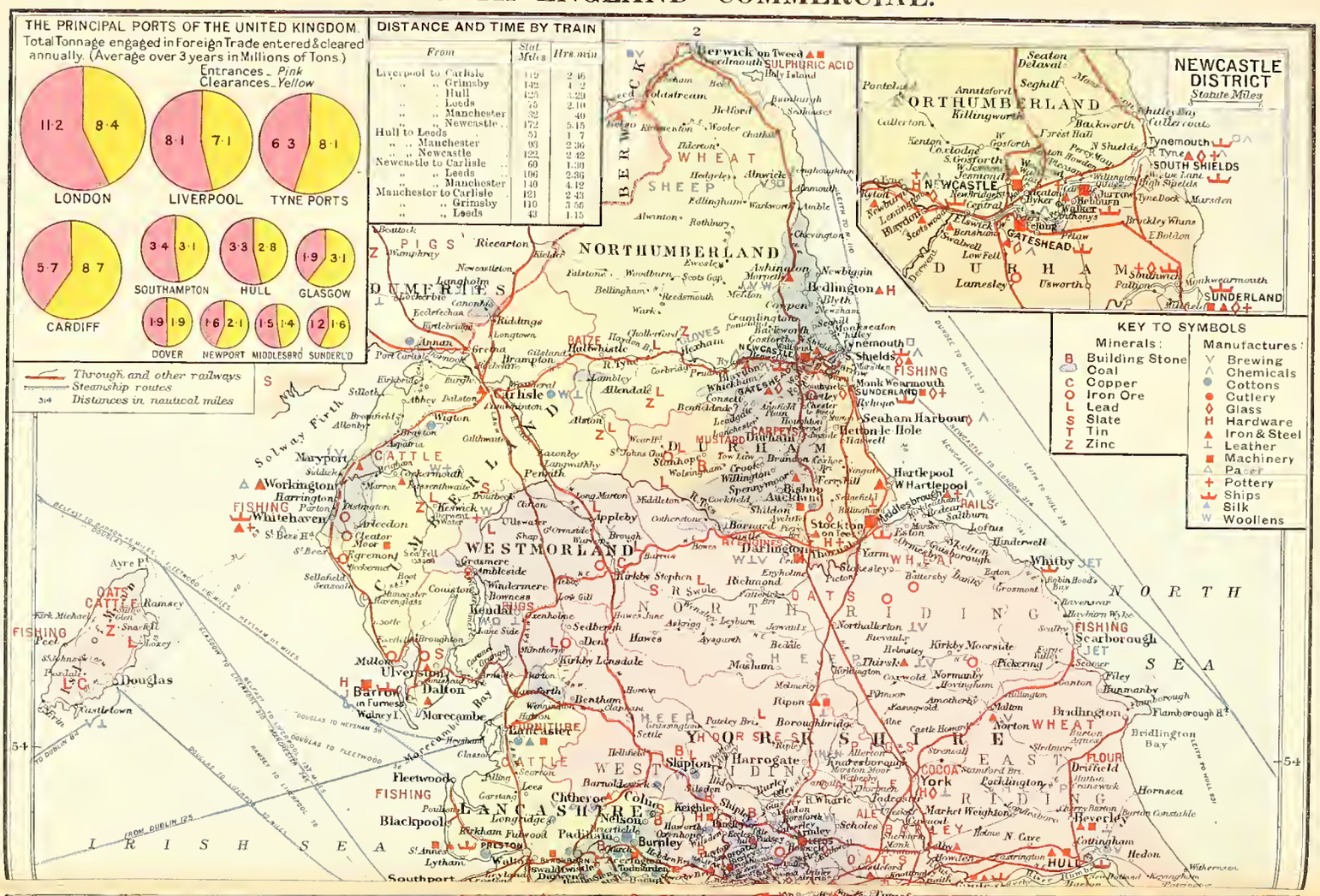
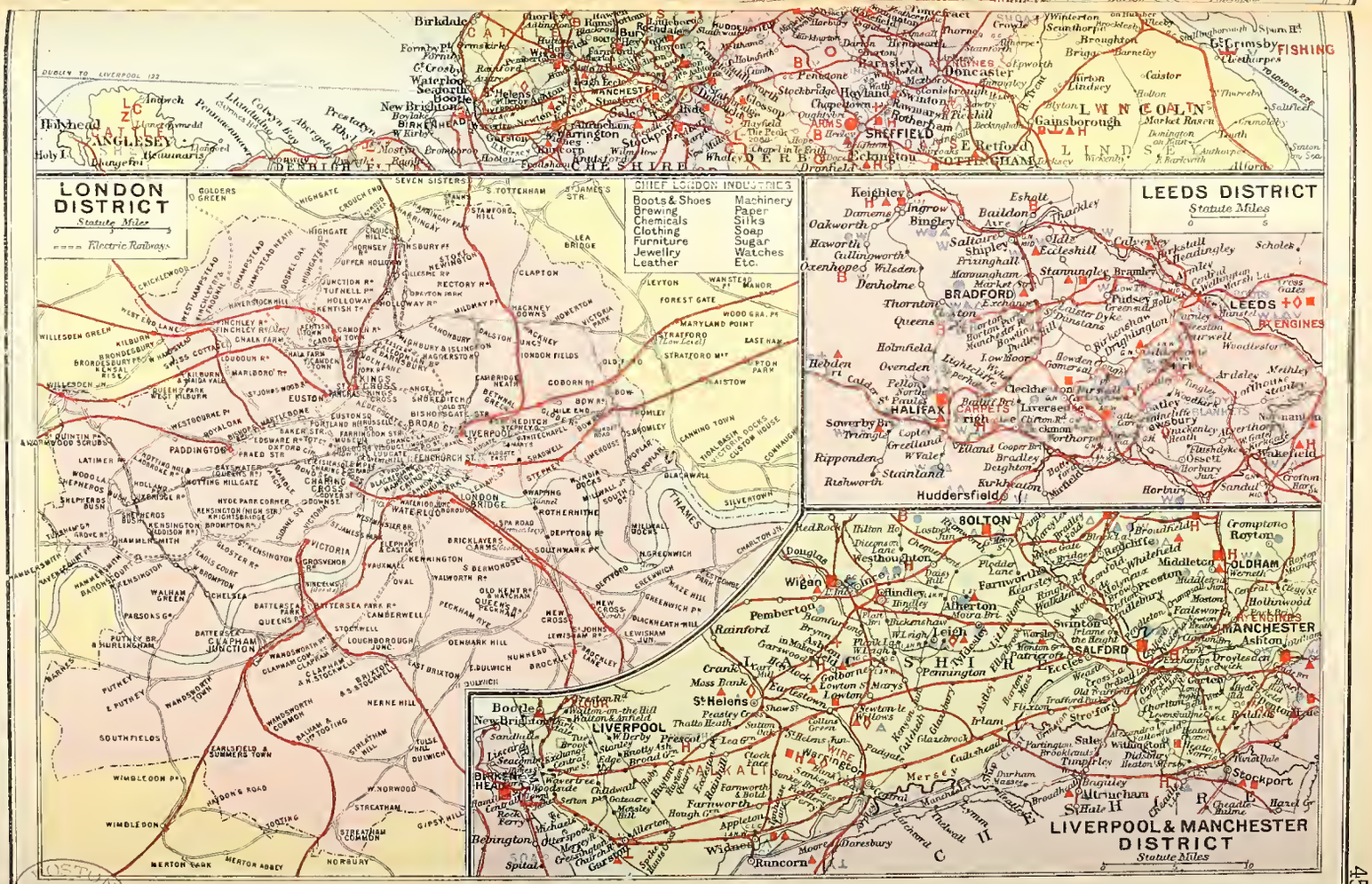
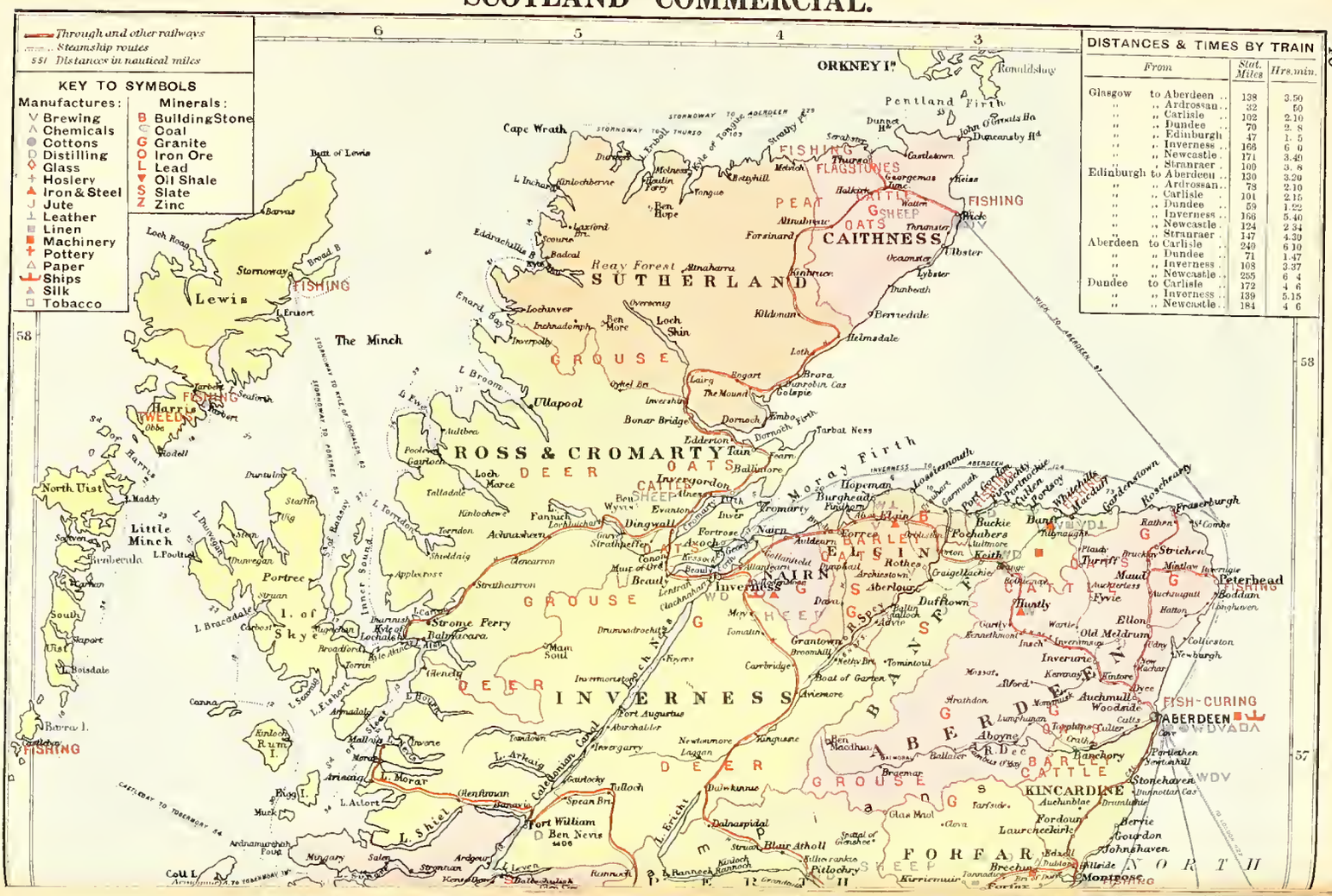
NORTH ENGLAND—COMMERCIAL.





SCOTLAND—COMMERCIAL.



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IRELAND—COMMERCIAL.

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Dublin to Cork	166	3.55
„ „ Galway	126	3 35
„ „ Killarney	185	5.18
„ „ Limerick	129	3 15
„ „ Londonderry	164	4. 0
„ „ Rosslare	102	5.10
„ „ Sligo	134	3 55
„ „ Waterford	116	3 55
Belfast to Dublin	113	2.35
„ „ Greenore	59	1.30
„ „ Larne	24	35
„ „ Londonderry	95	3. 0
Cork to Killarney	62	2. 1
„ „ Limerick	61	2.25
„ „ Rosslare	135	3 50
„ „ Waterford	97	2 45

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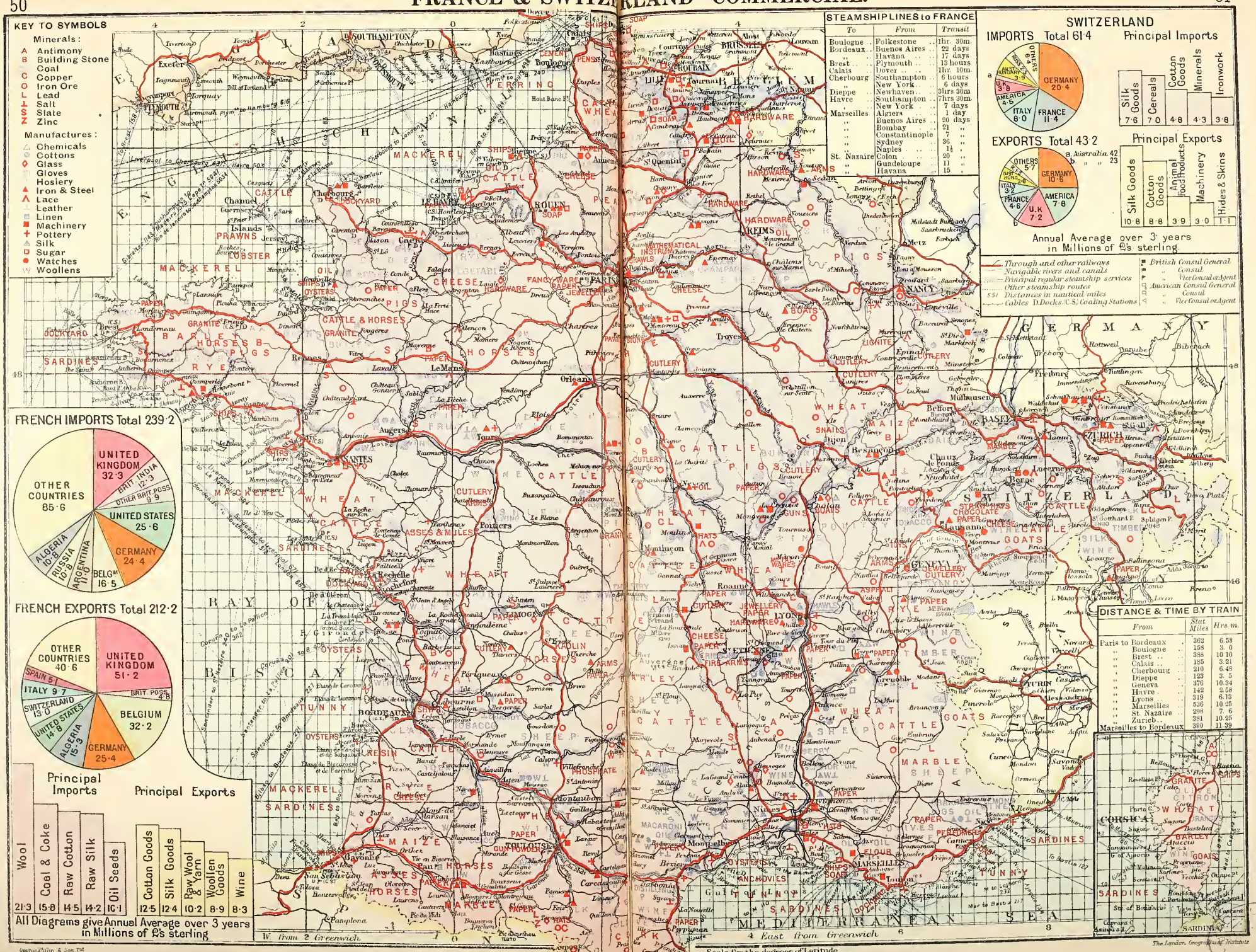
FRANCE & SWITZERLAND—COMMERCIAL.



STEAMSHIP LINES to FRANCE

To	From	Transit
Boulogne	Folkestone	1hr. 30m.
Bordeaux	Buenos Aires	22 days
"	Havana	17 days
Brest	Plymouth	13 hours
Calais	Dover	1hr. 10m.
Cherbourg	Southampton	6 hours
"	New York	6 days
Dieppe	Newhaven	3hrs 30m
Havre	Southampton	7hrs 30m.
"	New York	7 days
Marseilles	Algiers	1 day
"	Buenos Aires	20 days
"	Bombay	21 "
"	Constantinople	7 "
"	Sydney	36 "
"	Naples	1½ "
St. Nazaire	Colon	20 "
"	Guadeloupe	11 "
"	Havana	15 "

DISTANCE & TIME BY TRAIN

From	Stat. Miles	Hrs. m.
Paris to Bordeaux	362	6.53
" Boulogne	158	3. 0
" Brest	388	10 10
" Calais	185	3.21
" Cherbourg	210	6.48
" Dieppe	123	3. 5
" Geneva	376	10.34
" Havre	142	2.58
" Lyons	319	6.13
" Marseilles	536	10.25
" St. Nazaire	298	7. 6
" Zurich	381	10.25
Marseilles to Bordeaux	390	11.39

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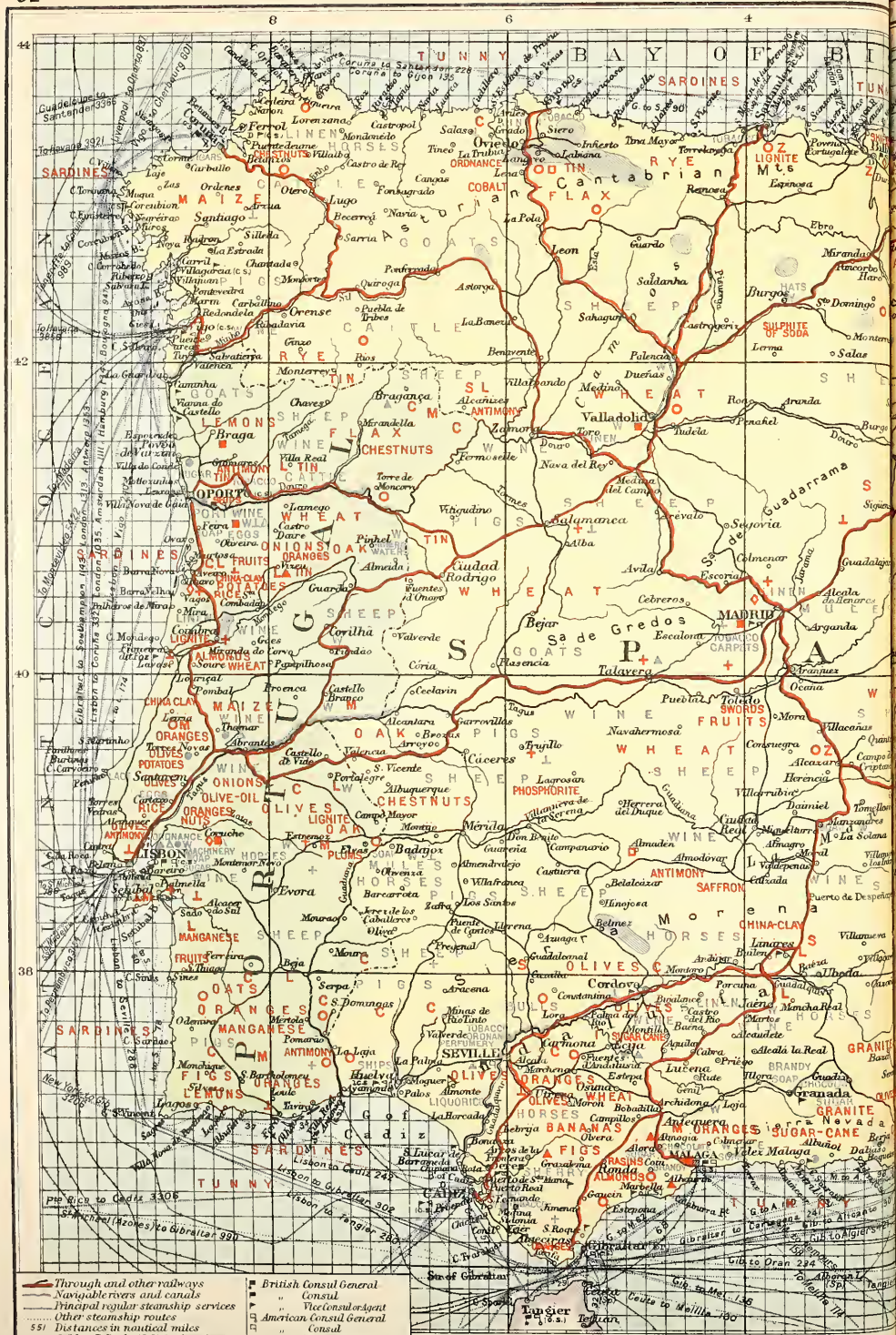


DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Madrid to Barcelona	426	15 12
" " Bayonne	414	16. 0
" " Cadiz	451	16. 5
" " Cartagena	326	15.15
" " Coruña	520	20.40
" " Gibraltar	437	22.10
" " Lisbon	413	13.55
" " Malaga	395	14. 2
" " Santander	308	12. 0
" " Seville	356	12.40
" " Valencia	304	11. 6
" " Vigo	499	21.25
Barcelona to Valencia	222	9 0
Lisbon to Oporto	209	5.34

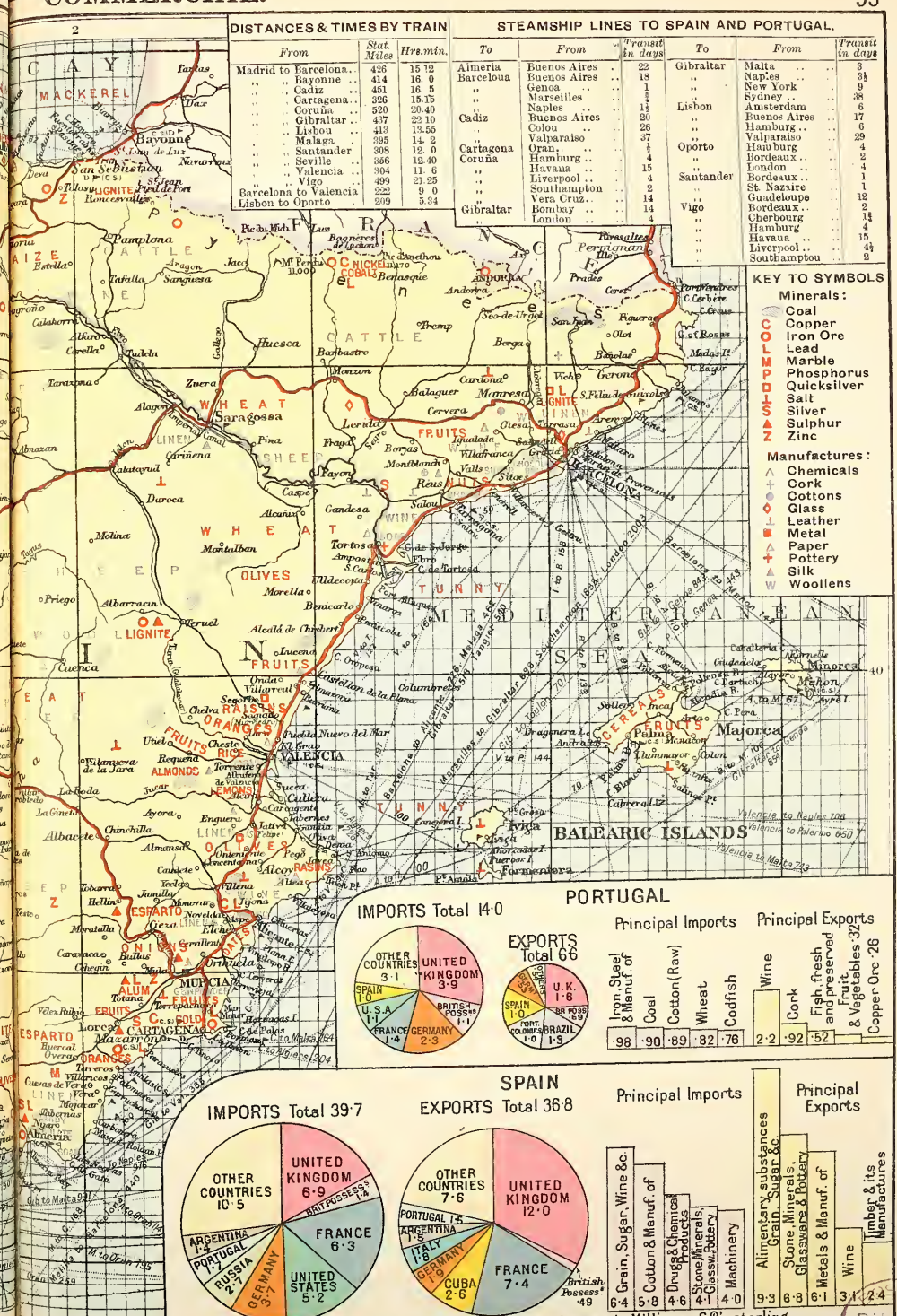
STEAMSHIP LINES TO SPAIN AND PORTUGAL.

To	From	Transit in days	To	From	Transit in days
Almeria	Buenos Aires	22	Gibraltar	Malta	3
Barcelona	Buenos Aires	18	"	Naples	3½
"	Genoa	1	"	New York	9
"	Marseilles	½	"	Sydney	38
"	Naples	1½	Lisbon	Amsterdam	6
Cadiz	Buenos Aires	20	"	Buenos Aires	17
"	Colon	26	"	Hamburg	6
"	Valparaiso	37	"	Valparaiso	29
Cartagena	Oran	½	Oporto	Hamburg	4
Coruña	Hamburg	4	"	Bordeaux	2
"	Havana	15	"	London	4
"	Liverpool	4	Santander	Bordeaux	1
"	Southampton	2	"	St. Nazaire	1
"	Vera Cruz	14	"	Guadeloupe	12
Gibraltar	Bombay	14	Vigo	Bordeaux	2
"	London	4	"	Cherbourg	1½
			"	Hamburg	4
			"	Havana	15
			"	Liverpool	4½
			"	Southamptou	2

KEY TO SYMBOLS

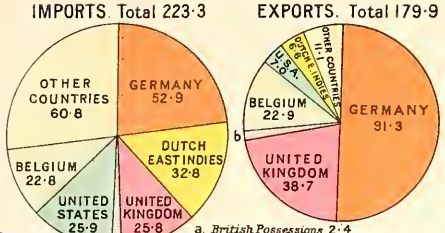
Minerals:
- Coal
- C Copper
- O Iron Ore
- L Lead
- M Marble
- P Phosphorus
- Quicksilver
- Salt
- S Silver
- Sulphur
- Z Zinc

Manufactures:
- Chemicals
- Cork
- Cottons
- Glass
- Leather
- Metal
- Paper
- Pottery
- Silk
- W Woollens



HOLLAND

IMPORTS. Total 223·3 — EXPORTS. Total 179·9



a. British Possessions 2·4
b. " " 2·2

Principal Imports

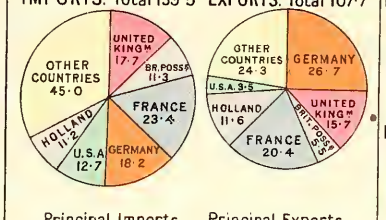
Cereals & Flour	Iron, Steel & Manuf. of	Textiles (Raw & Manuf.)	Copper	Wood
36·6	25·6	13·0	12·7	7·9

Principal Exports

Cereals & Flour	Iron, Steel & Manuf. of	Textiles (Raw & Manuf.)	Copper	Wood
22·0	16·6	9·2	7·5	5·8

BELGIUM

IMPORTS. Total 139·5 — EXPORTS. Total 107·7



Principal Imports

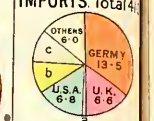
Wheat & Mixed Grain	Timber	Wool (Raw)	Flax (Raw)	Hides (Raw)
14·1	8·5	7·7	4·7	4·3

Principal Exports

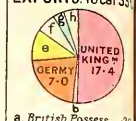
Iron & Steel	Machinery	Coal & Coke	Wheat & Mixed Grain	Flax
8·8	8·7	4·6	4·1	3·8

DENMARK

IMPORTS. Total 4[illegible]



EXPORTS. Total 33·[illegible]



a. British Possess. ·2[illegible]
b. Sweden & Norway 4·[illegible]
c. Russia 4·[illegible]
d. British Possess. ·0[illegible]
e. Sweden & Norway 3·[illegible]
f. Russia 2·[illegible]
g. United States 2·[illegible]
h. Other Countries 1·[illegible]

DENMARK

Principal Imports

Cereals &c.	Provisions Eggs &c.	Textile Manuf.	Metals & Hardware	Colonial Goods
5·6	5·1	4·1	3·7	2·8

Principal Exports

Provisions Eggs &c.	Animals	Cereals	Metals & Hardware	Textile Manuf.
17·8	2·2	55	42	14

All Diagrams give Annual Average over 3 years in Millions of £'s sterling

DISTANCE AND TIME BY TRAIN

From	Stat. Miles	Hrs. m.
Amsterdam to Flushing ..	126	3.45
" " The Hague	38	51
" " Hook of H.	64	1.40
" " Rotterdam	46	1.30
Antwerp to Brussels ..	32	44
" " Flushing ..	64	3. 2
" " Liège	73	2. 4
" " Lille	100	4. 0
" " Ostend	85	2. 2
Brussels to Flushing ..	96	3.56
" " Liège	62	1.28
" " Lille	68	2.16
" " Ostend	76	1.35
Rotterdam to Flushing .	80	2. 9
" " Hook of H.	17	20
" " The Hague	14	32
Copenhagen to Esbjerg ..	195	7.01
" " Gredser ..	107	3.19
" " Hamburg ..	324	11.42

A certain proportion of imports and exports to and from Holland are attributed to Germany or Belgium according to the frontier over which they pass.

KEY TO SYMBOLS

Minerals:
- Coal
- O Iron Ore
- L Lead
- T Tin
- Z Zinc

Manufactures:
- Cottons
- D Distilling
- Glass
- Iron & Steel
- Lace
- Linen
- Machinery
- Pottery
- Silk
- Sugar
- W Woollens

STEAMSHIP LINES TO BELGIUM & THE NETHERLANDS

To	From	Transit in hours
Amsterdam ..	London.. ..	17
Antwerp	Grimsby ..	20
"	Harwich ..	10
"	Hull ..	22
"	Newcastle ..	30
Flushing	Folkestone ..	5
"	Queenborough	6
Hook of Holland	Harwich ..	7½
Ostend	Dover ..	3
Rotterdam ..	Grimsby ..	15
" ..	Hull ..	17
" ..	London.. ..	10½
" ..	Newcastle ..	24
Zeebrugge ..	Hull ..	12

STEAMSHIP LINES TO DENMARK.

To	From	Transit in hours
Copenhagen	Christiania	26
"	Gothenburg	13
"	Hull	50
"	Helsingborg	1
"	Lübeck	14
Esbjerg	Harwich	24
Gjedser	Warnemünde	2
Kiel	Korsör	5

For Mail Steamship lines running from the Low Countries see maps of countries of destination.

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Docks (C.S.) Coaling Stations

British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent

East from 4 Greenwich

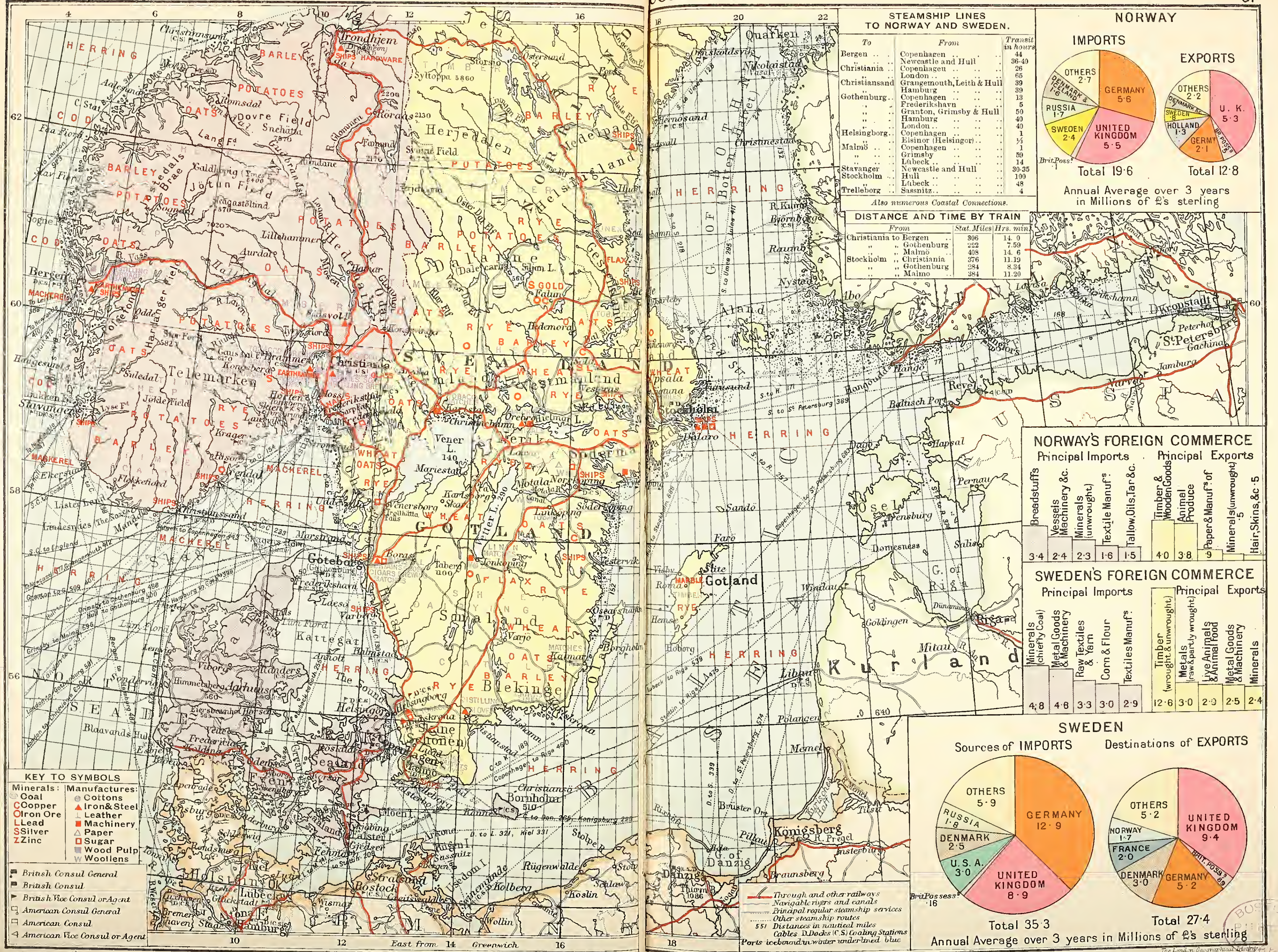
Equatorial Scale 1: 5,000,000

Scale for the degrees of Latitude

60 Geographical Miles - 1° of Equator

George Philip & Son Ltd

BALTIC LANDS—COMMERCIAL.



To	From	Transit in hours
Bergen	Copenhagen	44
,,	Newcastle and Hull	36-40
Christiania	Copenhagen	26
,,	London	65
Christiansand	Grangemouth, Leith & Hull	39
,,	Hamburg	39
Gothenburg	Copenhagen	13
,,	Frederikshavn	5
,,	Granton, Grimsby & Hull	50
,,	Hamburg	40
,,	London	40
Helsingborg	Copenhagen	1
,,	Elsinor (Helsingor)	⅓
Malmö	Copenhagen	1
,,	Grimsby	59
,,	Lübeck	14
Stavanger	Newcastle and Hull	30-35
Stockholm	Hull	100
,,	Lübeck	48
Trelleborg	Sassnitz	4

From	Stat. Miles	Hrs. min
Christiania to Bergen	306	14. 0
,, ,, Gothenburg	222	7.59
,, ,, Malmö	408	14. 6
Stockholm ,, Christiania	376	11.19
,, ,, Gothenburg	284	8.34
,, ,, Malmo	384	11.20

Scale 1: 5,000,000 (80 miles = 1 inch) 0 50 100 Statute Miles

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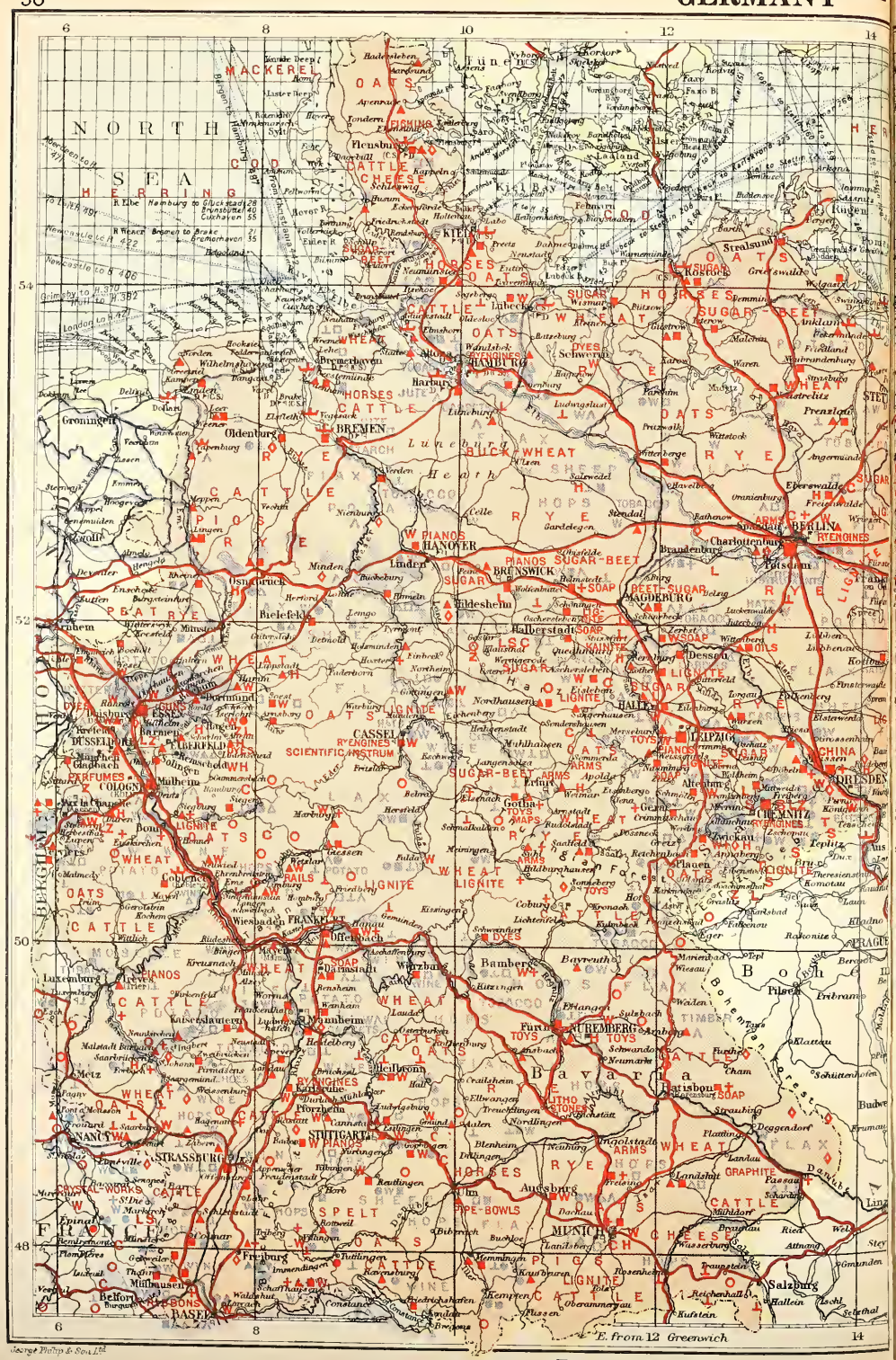
NORTH SEA
BALTIC SEA
HAMBURG
BREMEN
BERLIN
HANOVER
BRUNSWICK
MAGDEBURG
LEIPZIG
DRESDEN
CHEMNITZ
CASSEL
FRANKFURT
COLOGNE
DUSSELDORF
ESSEN
Dortmund
Bielefeld
Minden
Osnabrück
Oldenburg
Groningen
Flensburg
KIEL
Lübeck
Rostock
Stralsund
Stettin
Danzig
KONIGSBERG
Tilsit
Memel
POSEN
BRESLAU
Gorlitz
Liegnitz
Reichenberg
Czernowitz
Kattowitz
Beuthen
Königshütte
CRACOW
Lublinitz
Oppeln
Ratibor
Glogau
Lissa
Kalisz
Sieradz
Kolo
Thorn
Bromberg
Graudenz
Elbing
Braunsberg
Insterburg
Allenstein
Soldin
Landsberg
Stargard
Stolp
Koslin
Kolberg
Pillau
Memel
Tilsit
Wittenberge
Stendal
Eberswalde
Frankfurt
Cottbus
Brandenburg
Potsdam
Charlottenburg
Hildesheim
Halberstadt
Quedlinburg
Nordhausen
Halle
Dessau
Eisleben
Merseburg
Naumburg
Zeitz
Altenburg
Zwickau
Chemnitz
Plauen
Hof
Bayreuth
Bamberg
Würzburg
Schweinfurt
Aschaffenburg
Darmstadt
Mainz
Wiesbaden
Offenbach
Mannheim
Heidelberg
Karlsruhe
Stuttgart
Heilbronn
Ulm
Augsburg
Regensburg
Ratisbon
Passau
Landshut
Munich
Nuremberg
Erlangen
Fürth
Gotha
Erfurt
Weimar
Jena
Gera
Zeitz
Eisenach
Kassel
Paderborn
Hamm
Münster
Osnabrück
Bremerhaven
Wilhelmshaven
Emden
Leer
Groningen
Leeuwarden
Zwolle
Arnhem
Nijmegen
Utrecht
Amsterdam
Haarlem
Leiden
Rotterdam
Delft
Dordrecht
Middelburg
Vlissingen
Antwerp
Ghent
Bruges
Ostend
Brussels
Louvain
Liège
Namur
Charleroi
Mons
Tournai
Lille
Calais
Boulogne
Dieppe
Rouen
Le Havre
Caen
Cherbourg
Paris
Versailles
Fontainebleau
Orleans
Tours
Nantes
Rennes
Brest
Lorient
Saint-Nazaire
Bordeaux
Toulouse
Marseilles
Lyon
Dijon
Besançon
Mulhouse
Colmar
Strasbourg
Metz
Nancy
Epinal
Belfort
Basel
Zurich
Lucerne
Berne
Geneva
Lausanne
Salzburg
Innsbruck
Bregenz
Kufstein
Vienna
Prague
Pilsen
Budweis
Linz
Krems
Melk
Amsterdam
Copenhagen
Malmö
Stockholm
Gothenburg
Christiania
Christiansand
Bergen
Trondhjem
Hull
London
Liverpool
Manchester
Leeds
Sheffield
Birmingham
Bristol
Cardiff
Swansea
Plymouth
Southampton
Portsmouth
Dover
Ramsgate
Margate
Folkestone
Hastings
Brighton
Newhaven
Cromer
Yarmouth
Lowestoft
Harwich
Ipswich
Colchester
Norwich
Peterborough
Cambridge
Lincoln
Grimsby
Hull
Scarborough
Whitby
Newcastle
Sunderland
Tynemouth
Leith
Edinburgh
Glasgow
Greenock
Dundee
Aberdeen
Inverness
Wick
Kirkwall
Lerwick
Belfast
Dublin
Cork
Queenstown
Galway
Limerick
Waterford
Wexford
Dublin
Liverpool
Holyhead
Fishguard
Milford Haven
Swansea
Cardiff
Bristol
Plymouth
Falmouth
Penzance
Scilly Isles
Channel Islands
Jersey
Guernsey
Alderney
Sark
Isle of Man
Douglas
Orkney Islands
Shetland Islands
Faroe Islands
Iceland
Reykjavik
Bergen
Christiania
Stockholm
Gothenburg
Malmö
Copenhagen
Esbjerg
Aalborg
Aarhus
Odense
Kiel
Lübeck
Rostock
Stralsund
Stettin
Danzig
Memel
Tilsit
Königsberg
Pillau
Elbing
Braunsberg
Insterburg
Allenstein
Graudenz
Thorn
Bromberg
Posen
Lissa
Kalisz
Sieradz
Kolo
Kutno
Lodz
Pietrkow
Radom
Lublin
Kielce
Sosnowitz
Kattowitz
Beuthen
Königshütte
Gleiwitz
Ratibor
Oppeln
Lublinitz
Cracow
Tarnow
Przemysl
Lemberg
Stanislau
Czernowitz
Kolomea
Stanislau
Stryj
Lwow
Tarnopol
Brody
Kowel
Brest-Litovsk
Pinsk
Bobruisk
Mogilev
Smolensk
Moscow
St. Petersburg
Riga
Reval
Dorpat
Pernau
Libau
Windau
Kiev
Odessa
Sevastopol
Kherson
Nikolaiev
Taganrog
Rostov
Kharkov
Poltava
Kremenchug
Ekaterinoslav
Bakhmut
Lugansk
Yekaterinoslav
Dnepropetrovsk
Zaporozhye
Simferopol
Kerch
Yalta
Sebastopol
Feodosia
Tiflis
Batum
Kutais
Poti
Sukhum
Baku
Tashkent
Samarkand
Bokhara
Khiva
Merv
Kazan
Nizhni Novgorod
Saratov
Astrakhan
Orenburg
Ufa
Perm
Kostroma
Yaroslavl
Vologda
Archangel
Tobolsk
Omsk
Tomsk
Irkutsk
Yakutsk
Vladivostok
Port Arthur
Dalny
Mukden
Harbin
Tientsin
Peking
Shanghai
Nanking
Hankow
Canton
Hong Kong
Macao
Tokyo
Yokohama
Kobe
Osaka
Nagasaki
Shimonoseki
Fusan
Chemulpo
Wonsan
Gensan
Fusan
Seoul
Pyongyang
Antwerp
Ghent
Bruges
Ostend
Brussels
Louvain
Liège
Namur
Charleroi
Mons
Tournai
Lille
Calais
Boulogne
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Rouen
Le Havre
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Lowestoft
Harwich
Ipswich
Colchester
Norwich
Peterborough
Cambridge
Lincoln
Grimsby
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Dundee
Aberdeen
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Nikolaiev
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Poltava
Kremenchug
Ekaterinoslav
Bakhmut
Lugansk
Yekaterinoslav
Dnepropetrovsk
Zaporozhye
Simferopol
Kerch
Yalta
Sebastopol
Feodosia
Tiflis
Batum
Kutais
Poti
Sukhum
Baku
Tashkent
Samarkand
Bokhara
Khiva
Merv
Kazan
Nizhni Novgorod
Saratov
Astrakhan
Orenburg
Ufa
Perm
Kostroma
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Omsk
Tomsk
Irkutsk
Yakutsk
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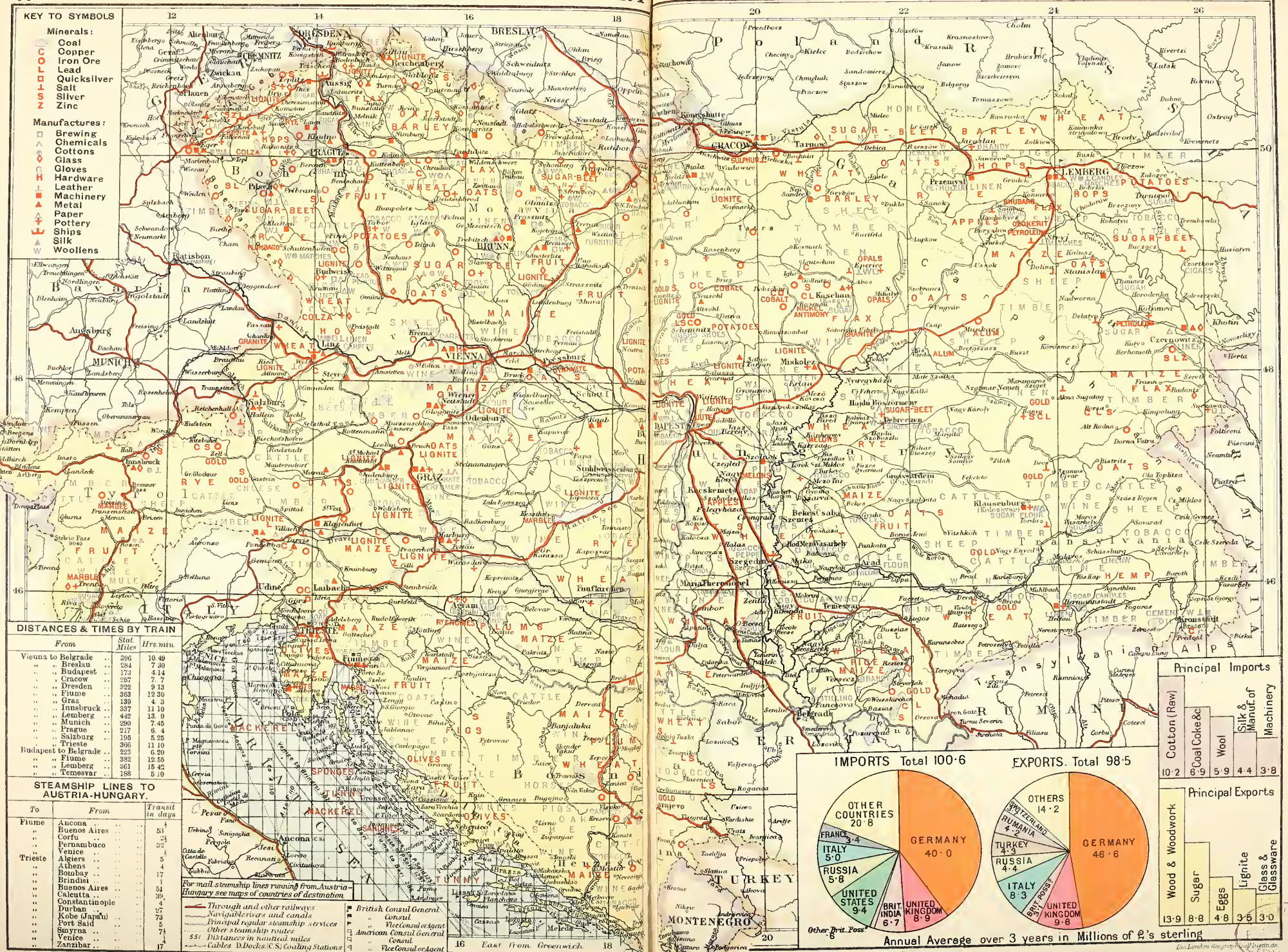
Tientsin
Peking
Shanghai
Nanking
Hankow
Canton
Hong Kong
Macao
Tokyo
Yokohama
Kobe
Osaka
Nagasaki
Shimonoseki
Fusan
Chemulpo
Wonsan
Gensan
Fusan
Seoul
Pyongyang
KEY TO SYMBOLS
Minerals:
Coal
Copper
Iron Ore
Lead
Lignite
Salt
Silver
Zinc
Manufactures:
Brewing
Chemicals
Cotton
Cutlery
Glass
Hardware
Hosiery
Iron & Steel
Leather
Linen
Machinery
Paper
Pottery
Ships
Silk
Woollens
Small Metal Ware
IMPORTS Total 425·3
UNITED KINGDOM 41·6
BRIT. INDIA 13·3
OTHER BRIT. POSS. 14·0
UNITED STATES 64·0
RUSSIA 49·7
AUSTRIA HUNGARY 39·6
FRANCE 21·8
ARGENTINA 21·0
OTHER COUNTRIES 156·3
EXPORTS Total 334·2.
UNITED KINGDOM 52·1
BRIT. POSS. 12·9
AUSTRIA-HUNGARY 35·0
UNITED STATES 29·9
HOLLAND 22·5
FRANCE 21·2
RUSSIA 20·7
SWITZERLAND 20·3
OTHER COUNTRIES 129·6
Principal Imports
Agricultural & Animal Products 240·6
Minerals & Mineral Oils 40·1
Textiles & Apparel 35·7
Base Metals & Wares 22·8
Precious Metals 16·9
Principal Exports
Textiles & Wearing Apparel 61·6
Agricultural & Animal Products 51·3
Base Metals & Wares 51·1
Machinery 30·1
Chemicals & Colours 26·4
Figures give Annual Average over 3 years in Millions of £'s sterling.
STEAMSHIP LINES to GERMANY
To | From | Transit in hours
Bremen .. Hull .. 36
" London .. 36
Hamburg .. Christiania .. 50
" Christiansand .. 39
" Gothenburg .. 40
" Grimsby .. 30
" Hull .. 30
" London .. 40
Kiel .. Korsör .. 5
Lübeck .. Copenhagen .. 15
" Riga .. 50
" Stockholm .. 48
Sassnitz .. Trelleborg .. 4
Stettin .. St. Petersburg .. 65
Warnemünde .. Gjedser .. 2
For Mail Steamship Lines running from Germany see maps of countries of destination
DISTANCE AND TIME BY TRAIN
From | Stat. Miles | Hrs. min.
Berlin to Bremen .. 239 .. 6 7
" " Bremerhaven .. 278 .. 7 8
" " Breslau .. 231 .. 5 40
" " Cologne .. 366 .. 9 4
" " Danzig .. 270 .. 8 7
" " Dresden .. 112 .. 2 26
" " Hamburg .. 177 .. 3 27
" " Königsberg .. 366 .. 9 38
" " Munich .. 407 .. 9 43
" " Posen .. 165 .. 4 7
" " Sassnitz .. 172 .. 5 32
" " Stettin .. 84 .. 1 40
" " Vienna .. 441 .. 12 36
" " Warnemünde .. 144 .. 4 4
Hamburg to Bremen .. 72 .. 1 55
" " Cologne .. 280 .. 6 57
" " Dresden .. 289 .. 6 30
" " Frankfurt .. 340 .. 9 25
" " Kiel .. 69 .. 1 55
Munich to Cologne .. 397 .. 9 53
" " Leipzig .. 273 .. 7 18
" " Vienna .. 296 .. 7 45
Cologne to Leipzig .. 321 .. 8 43
" " Vienna .. 605 .. 17 57
Frankfurt to Dresden .. 314 .. 8 50
" " Berlin .. 335 .. 8 15
Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables D Docks (C.S) Coaling Stations
British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent
Scale for degrees of Latitude
60 Geographical miles - 1° of Equator
E. from 12 Greenwich
Equatorial Scale 1:6,500,000
George Philip & Son Ltd.


KEY TO SYMBOLS
Minerals:
Coal
Copper
Iron Ore
Lead
Quicksilver
Salt
Silver
Zinc
Manufactures:
Brewing
Chemicals
Cottons
Glass
Gloves
Hardware
Leather
Machinery
Metal
Paper
Pottery
Ships
Silk
Woollens
DISTANCES & TIMES BY TRAIN
From | Stat. Miles | Hrs. min.
Vienna to Belgrade .. 396 10 49
" " Breslau .. 284 7 30
" " Budapest .. 173 4.14
" " Cracow .. 267 7. 7
" " Dresden .. 322 9 13
" " Fiume .. 363 12 30
" " Graz .. 139 4. 3
" " Innsbruck .. 337 11 10
" " Lemberg .. 442 13. 0
" " Munich .. 290 7.45
" " Prague .. 217 6. 4
" " Salzburg .. 195 5.25
" " Trieste .. 366 11 10
Budapest to Belgrade .. 223 6.20
" " Fiume .. 382 12.55
" " Lemberg .. 561 15 42
" " Temesvar .. 188 5.10
STEAMSHIP LINES TO AUSTRIA-HUNGARY.
To | From | Transit in days
Fiume .. Ancona .. 1
" .. Buenos Aires .. 53
" .. Corfu .. 24
" .. Pernambuco .. 32
" .. Venice .. 1
Trieste .. Algiers .. 5
" .. Athens .. 4
" .. Bombay .. 17
" .. Brindisi .. 1
" .. Buenos Aires .. 51
" .. Calcutta .. 30
" .. Constantinople .. 4
" .. Durban .. 27
" .. Kobe (Japan) .. 73
" .. Port Said .. 5
" .. Smyrna .. 7
" .. Venice .. 1
" .. Zanzibar .. 17
For mail steamship lines running from Austria-Hungary see maps of countries of destination
Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables D. Docks. C.S. Coaling Stations
British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent
16 East from Greenwich 18
Equatorial Scale 1: 6,500,000
Principal Imports
Cotton (Raw) 10·2
Coal Coke &c 6·9
Wool 5·9
Silk & Manufs of 4·4
Machinery 3·8
Principal Exports
Wood & Woodwork 13·9
Sugar 8·8
Eggs 4·8
Lignite 3·5
Glass & Glassware 3·0
IMPORTS Total 100·6
GERMANY 40·0
UNITED KINGDOM 8·9
BRIT. INDIA 6·7
UNITED STATES 9·4
RUSSIA 5·8
ITALY 5·0
FRANCE 3·4
OTHER COUNTRIES 20·8
EXPORTS. Total 98·5
GERMANY 46·6
UNITED KINGDOM 9·8
BRIT. POSS. 3·7
ITALY 8·3
RUSSIA 4·4
TURKEY 4·3
RUMANIA 4·2
SWITZERLAND
OTHERS 14·2
Other Brit. Poss. 8
Annual Average over 3 years in Millions of £'s sterling
Scale for degrees of Latitude
60 Geographical miles = 1° of Equator
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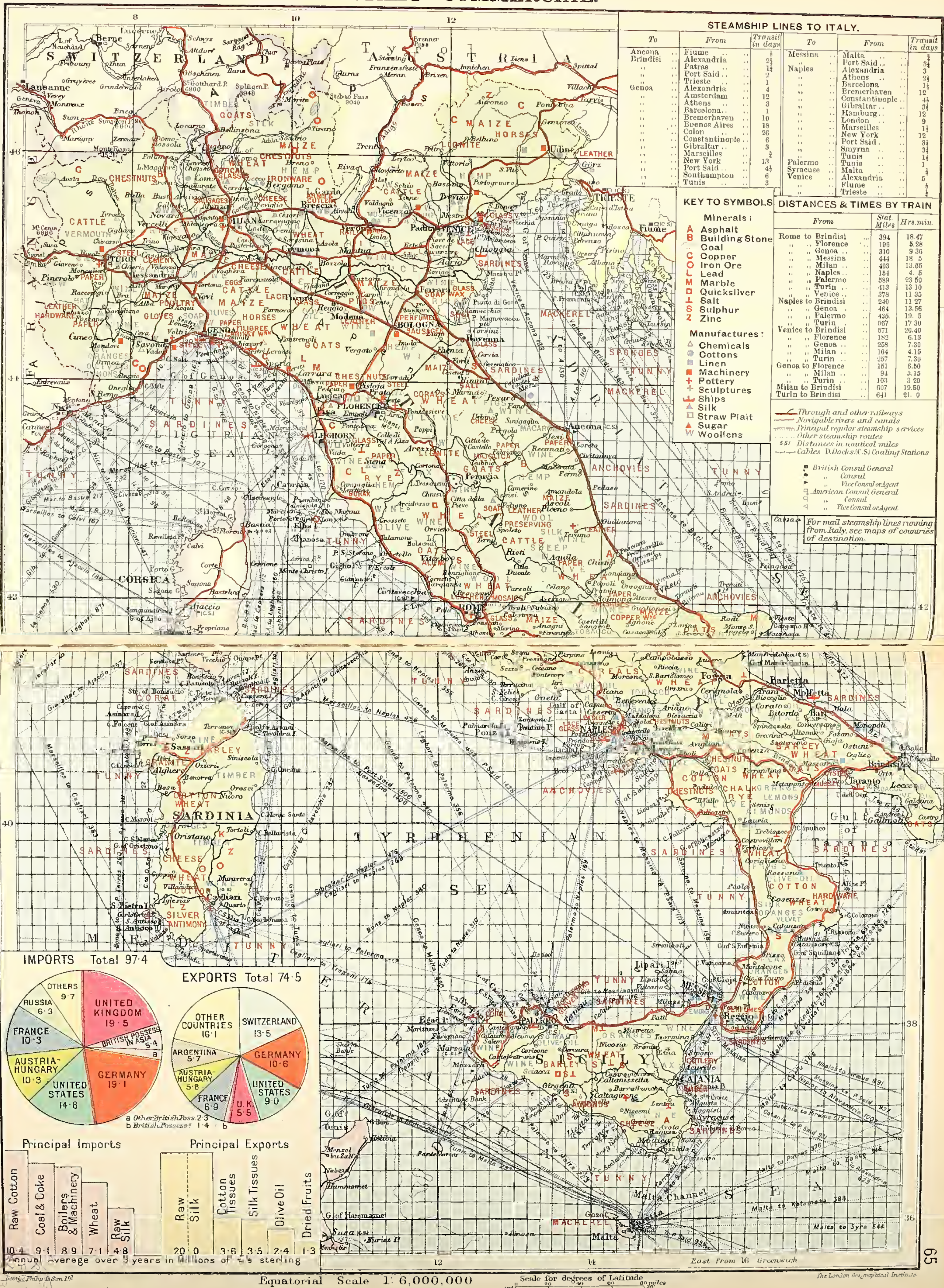
The London Geographical Institute.

MEDITERRANEAN SEA.

ITALY—COMMERCIAL.



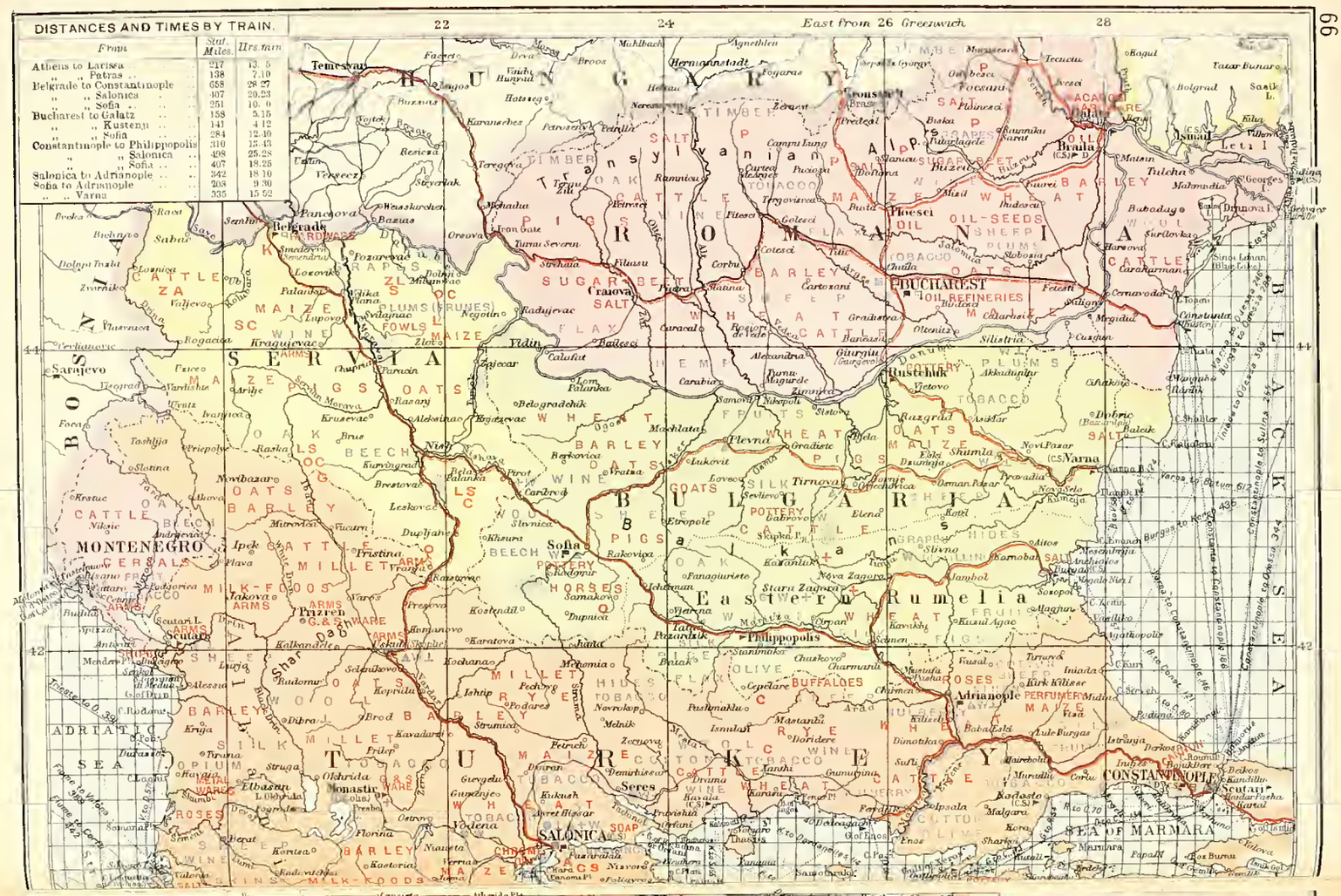
STEAMSHIP LINES TO ITALY.

To	From	Transit in days
Ancona	Fiume	½
Brindisi	Alexandria	2¼
"	Patras	1¼
"	Port Said	2
"	Trieste	1
Genoa	Alexandria	4
"	Amsterdam	12
"	Athens	3
"	Barcelona	1
"	Bremerhaven	10
"	Buenos Aires	18
"	Colon	26
"	Constantinople	6
"	Gibraltar	3
"	Marseilles	¾
"	New York	13
"	Port Said	4½
"	Southampton	6
"	Tunis	3
Messina	Malta	¼
"	Port Said	3¼
Naples	Alexandria	3
"	Athens	2½
"	Barcelona	1½
"	Bremerhaven	12
"	Constantinople	4½
"	Gibraltar	3½
"	Hamburg	12
"	London	9
"	Marseilles	1½
"	New York	12
"	Port Said	3½
"	Smyrna	3½
"	Tunis	1½
Palermo	Tunis	1
Syracuse	Malta	½
Venice	Alexandria	5
"	Fiume	½
"	Trieste	½

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Rome to Brindisi	394	18.47
" " Florence	196	5.28
" " Genoa	310	9 36
" " Messina	444	18 5
" " Milan	403	13.55
" " Naples	154	4. 5
" " Palermo	589	23 50
" " Turin	413	13 10
" " Venice	378	11 35
Naples to Brindisi	240	11 27
" " Genoa	464	13.56
" " Palermo	435.	19. 5
" " Turin	567	17 30
Venice to Brindisi	571	20.40
" " Florence	182	6.13
" " Genoa	258	7.30
" " Milan	164	4.15
" " Turin	257	7.30
Genoa to Florence	151	6.50
" " Milan	94	3.15
" " Turin	103	3 20
Milan to Brindisi	607	19.50
Turin to Brindisi	641	21. 0

BALKAN STATES—COMMERCIAL.



DISTANCES AND TIMES BY TRAIN.

From	Stat. Miles.	Hrs. min
Athens to Larissa	217	13. 5
" " Patras	138	7.10
Belgrade to Constantinople	658	28 27
" " Salonica	407	20.23
" " Sofia	251	10. 0
Bucharest to Galatz	158	5.15
" " Kustenji	141	4 12
" " Sofia	284	12.40
Constantinople to Philippopolis	310	12.43
" " Salonica	498	25.28
" " Sofia	407	18.25
Salonica to Adrianople	342	18 10
Sofia to Adrianople	203	9 30
" " Varna	335	15 52

KEY TO SYMBOLS

Minerals:
- A Antimony
- Asphalt
- Coal
- C Copper
- E Emery
- G Gold
- O Iron Ore
- L Lead
- P Petroleum
- K Quicksilver
- S Silver
- Z Zinc

Manufactures:
- + Attar of Roses
- Carpets
- C Cottons
- Leather
- Silk
- W Woollens

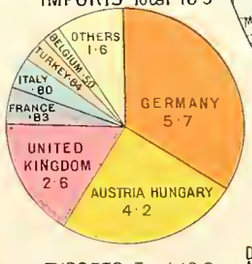
STEAMSHIP LINES TO BALKAN STATES.

To	From	Transit in days
Athens	Alexandria	2
"	Brindisi	2½
"	Genoa	4
"	Hamburg	16
"	Liverpool	9
"	Marseilles	4
"	Naples	2½
"	Trieste	4
"	Venice	6
Constantinople	Alexandria	2½
"	Batum	4
"	Brindisi	2½
"	Galatz	2
"	Genoa	7
"	Kustenji	½
"	Liverpool	10½
"	Marseilles	6
"	Naples	4½
"	Odessa	1½
"	Noworossisk	2
"	Sevastopol	1½
"	Trieste	4
"	Venice	14
Kustenji	Odessa	½
Patras	Trieste	2½
Salonica	Marseilles	7
"	Trieste	10
Syra	Hamburg	18
"	Liverpool	11
"	Marseilles	5½
"	Trieste	6

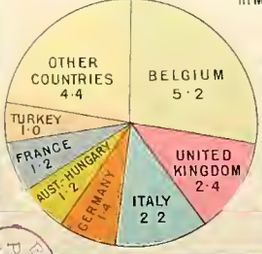
ROMANIA

Diagrams give Annual Average over 3 years in Millions of £s sterling.

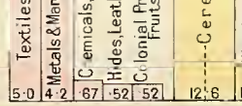
IMPORTS Total 16·9



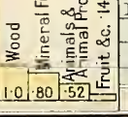
EXPORTS Total 19·0



Principal Imports



Principal Exports



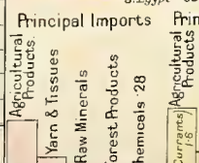
GREECE

IMPORTS Total 5·8

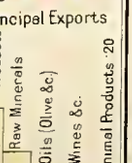
EXPORTS Total 4·3

a. Egypt ·03

Principal Imports



Principal Exports



Annual Average over 3 years in Millions of £s.

For Trade Statistics of the other countries on this Map see Plate 74-76 "and Simple" uentary Tables.

Equatorial Scale 1: 6,000,000

Scale for the degrees of Latitude

60 Geographical Miles = 1° of Equator

George Philip & Son Ltd
The Royal Geographical Institute

RUSSIA—COMMERCIAL.

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cabbs D Docks (C.S.) Coaling Stations
Ports icebound in winter underlined blue

British Consul General
Consul
Vice Consul or Agent
American Consul General
Consul
Vice Consul or Agent

KEY TO SYMBOLS

Minerals:
- Coal
- Copper
- Gold
- Iron Ore
- Lead
- Petroleum
- Platinum
- Salt
- Silver
- Zinc

Manufactures:
- Chemicals
- Cottons
- Distilling
- Hardware
- Iron & Steel
- Leather
- Machinery
- Ships
- Woollens

The above figures for Imports and Exports are those of Russia's trade through the European frontier and Black Sea frontier of Caucasus and with Finland. The Annual Trade through the Asiatic Frontier averaged over the same period—Imports £13·7 Millions, Exports £7·5 Millions.

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ASIA—POLITICAL & COMMUNICATIONS.

DISTANCES & TIMES BY STEAMER

From	Naut. Miles	Transit in days
Aden to Bombay	1650	5
" " Colombo	2113	6
" " Karachi	1464	7
Bombay to Calcutta ..	2114	10
" " Madras	1463	7
" " Rangoon	2117	11
" " Singapore	2460	10
Calcutta to Aden	3344	11
" " Hongkong ..	3070	11
Colombo to Bombay	883	4
" " Calcutta	1231	5
" " Manila	2920	11
" " Rangoon	1234	8
" " Hongkong ..	3017	10
Hongkong to Vladivostok ..	1731	6
" " Yokohama ..	1580	6
Port Said to Aden	1397	4
" " Batavia	4610	20
" " Bombay	3047	9
" " Karachi	3044	11
Singapore to Shanghai ..	2286	7
" " Tientsin	3038	9
" " Yokohama ..	3020	10
Vladivostok to Shanghai ..	1122	4

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs min.
Bombay to Calcutta ..	1221	30.25
" " Delhi ..	849	34.20
" " Madras ..	794	31.25
Calcutta to Delhi	903	28.31
" " Madras ..	1220	40.35
		days
Moscow to Peking ..	5757	111
" " Vladivostok ..	5385	104

Principal Railways
Caravan Routes
Navigable Rivers and Canals
Principal Steamship Routes
2133 *Distances in Nautical Miles*

Scale 1:40,000,000 (640 miles = 1 inch) 0 200 400 600 800 1000 *Statute Miles*

George Philip & Son Ltd.

The London Geographical Institute

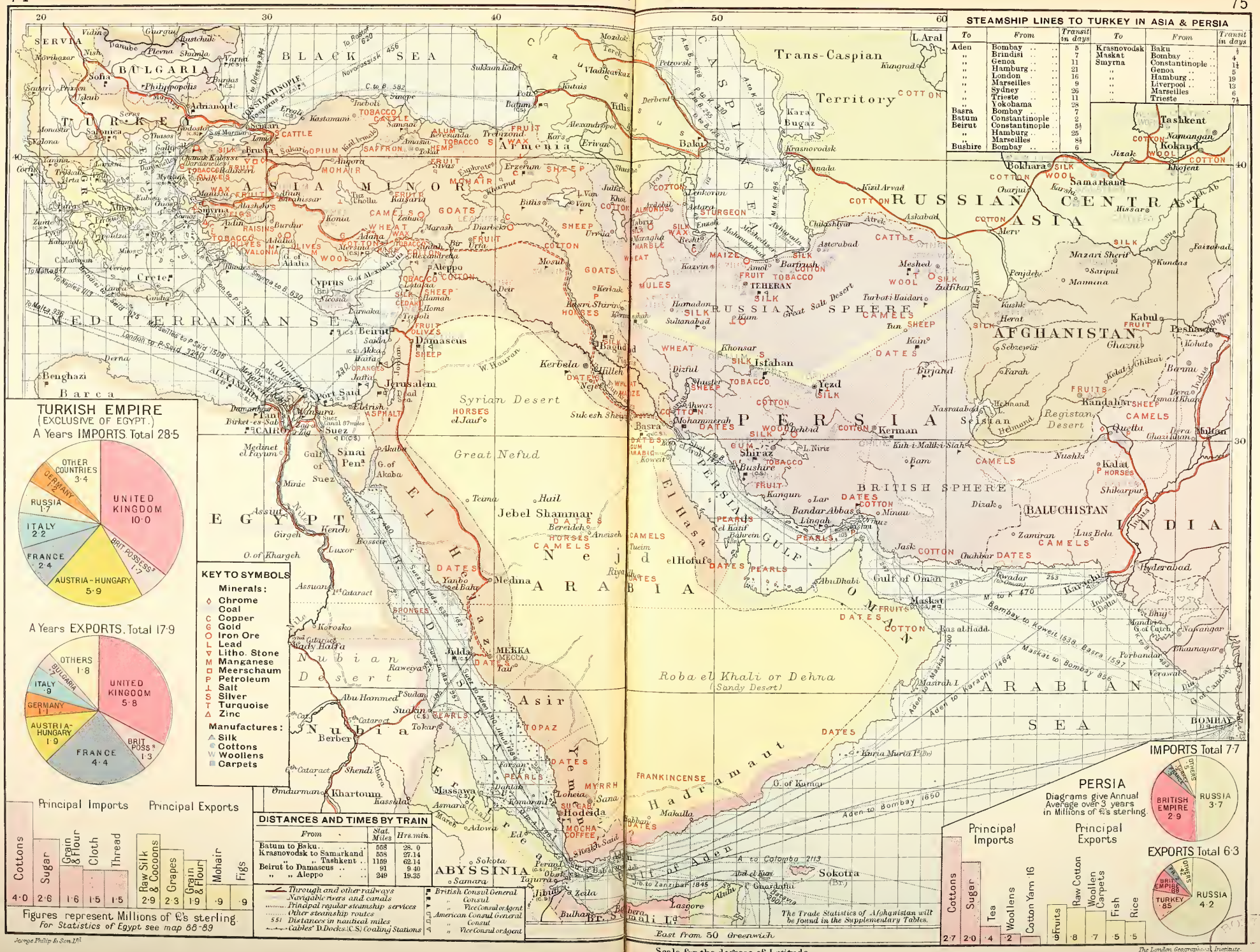
INDIAN OCEAN—COMMUNICATIONS.

DISTANCES AND TIMES BY STEAMERS

From	Naut. Miles	Transit in days
Aden to Bombay ..	1650	5
" " Calcutta ..	3344	11
" " Colombo ..	2113	6
" " Delagoa Bay ..	3233	14
" " Zanzibar ..	1720	8
Calcutta to Singapore	1630	7
Colombo to Calcutta ..	1231	5
" " Fremantle	3120	11
" " Mauritius	2094	14
" " Singapore	1577	6
Durban to Aden ..	3528	16
" " Mauritius ..	1435	4
Zanzibar to Bombay ..	2517	10

Equatorial Scale 1:40,000,000

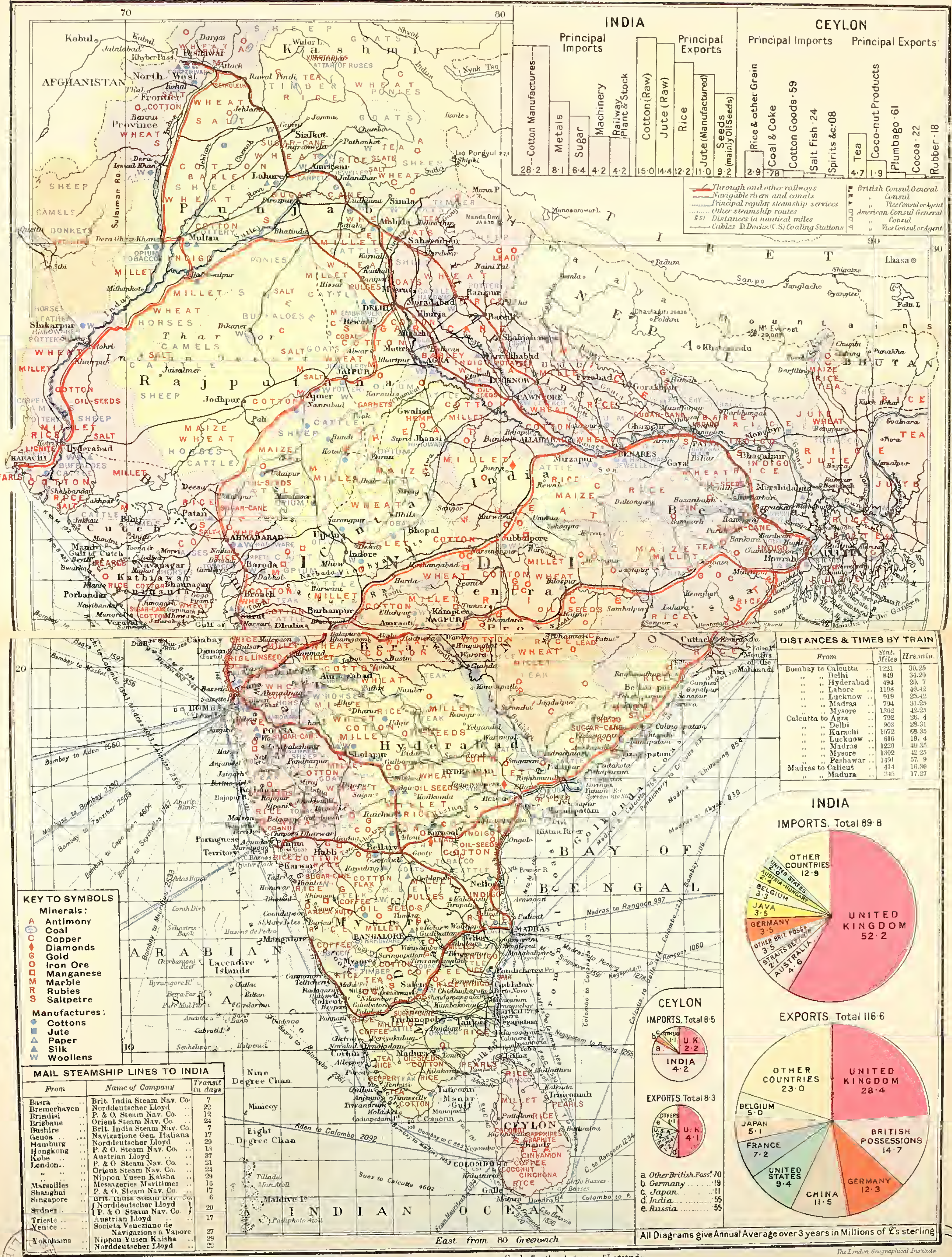
The London Geographic Institute



STEAMSHIP LINES TO TURKEY IN ASIA & PERSIA

To	From	Transit in days	To	From	Transit in days
Aden	Bombay	5	Krasnovodsk	Baku	½
"	Brindisi	7	Maskat	Bombay	4
"	Genoa	11	Smyrna	Constantinople	1¼
"	Hamburg	21	"	Genoa	5
"	London	16	"	Hamburg	19
"	Marseilles	9	"	Liverpool	13
"	Sydney	26	"	Marseilles	6
"	Trieste	11	"	Trieste	7½
"	Yokohama	28			
Basra	Bombay	7			
Batum	Constantinople	2			
Beirut	Constantinople	5½			
"	Hamburg	25			
"	Marseilles	8½			
Bushire	Bombay	6			

INDIA—COMMERCIAL.



From	Stat. Miles	Hrs. min.
Bombay to Calcutta ..	1221	30.25
„ „ Delhi ..	849	34.20
„ „ Hyderabad	494	20. 7
„ „ Lahore ..	1198	40.42
„ „ Lucknow ..	919	25.42
„ „ Madras ..	794	31.25
„ „ Mysore ..	1302	42.25
Calcutta to Agra ..	792	26. 4
„ „ Delhi ..	903	28.31
„ „ Karachi ..	1572	68.35
„ „ Lucknow ..	616	19. 4
„ „ Madras ..	1220	40.25
„ „ Mysore ..	1302	42.25
„ „ Peshawar ..	1491	57. 9
Madras to Calicut .	414	16.30
„ „ Madura ..	345	17.27

DISTANCES & TIMES BY TRAIN

MAIL STEAMSHIP LINES TO INDIA

From	Name of Company	Transit in days
Basra	Brit. India Steam Nav. Co.	7
Bremerhaven	Norddeutscher Lloyd ..	22
Brindisi ..	P. & O. Steam Nav. Co. ..	12
Brisbane ..	Orient Steam Nav. Co. ..	24
Bushire ..	Brit. India Steam Nav. Co.	7
Genoa	Navigazione Gen. Italiana	17
Hamburg ..	Norddeutscher Lloyd ..	29
Hongkong ..	P. & O. Steam Nav. Co. ..	13
Kobe	Austrian Lloyd	37
London.. ..	P. & O. Steam Nav. Co. ..	21
„	Orient Steam Nav. Co. ..	24
.. .. ..	Nippon Yusen Kaisha ..	29
Marseilles ..	Messageries Maritimes ..	16
Shanghai ..	P. & O. Steam Nav. Co. ..	17
Singapore ..	Brit. India Steam Nav. Co.	6
Sydney ..	Norddeutscher Lloyd / P. & O. Steam Nav. Co.	20
Trieste	Austrian Lloyd	17
Venice	Societa Veneziano de Navigazione a Vapore	27
Yokohama ..	Nippon Yusen Kaisha ..	29
..	Norddeutscher Lloyd ..	22

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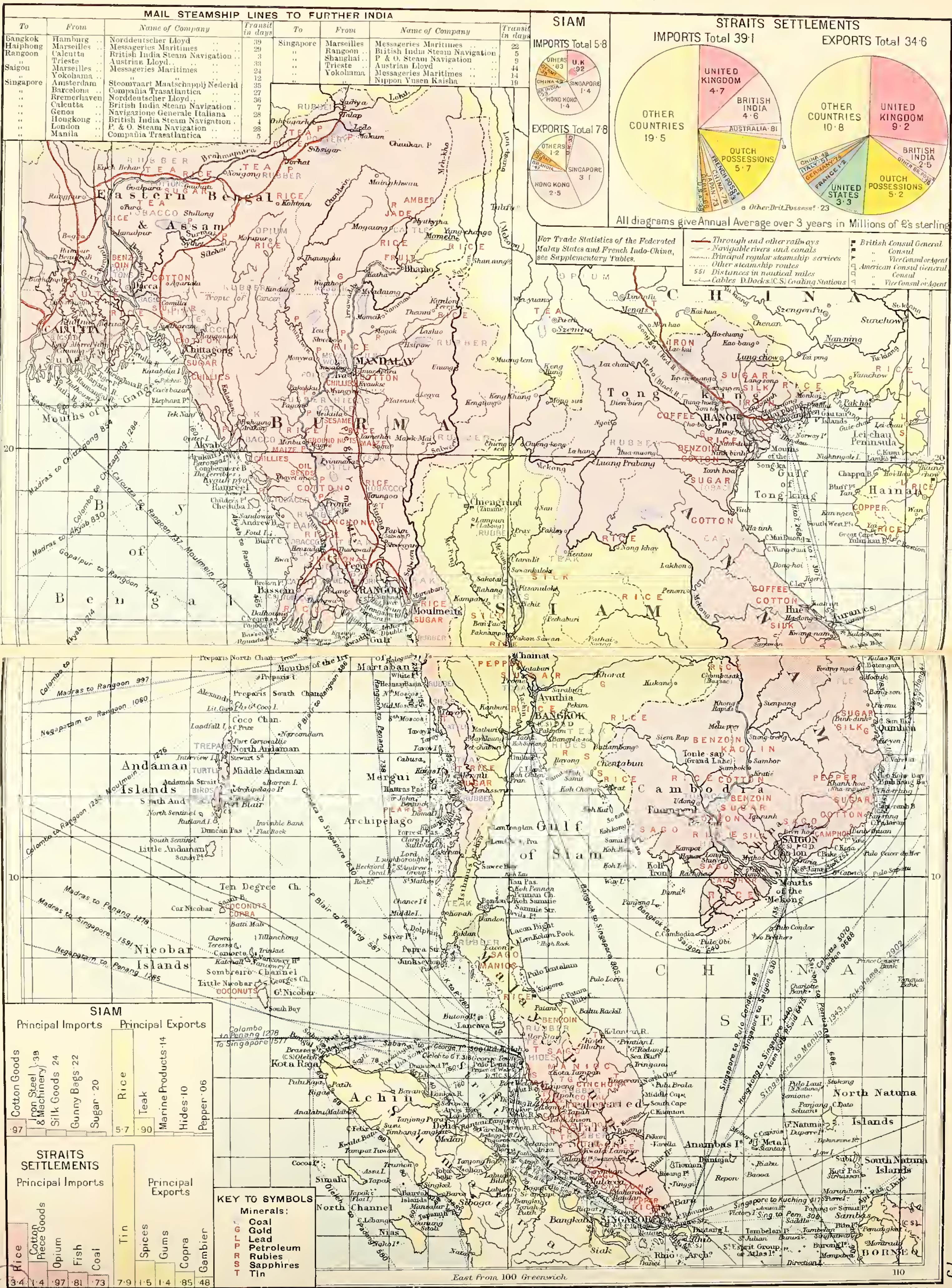
Equatorial Scale 1:20000000

Scale for the degrees of Latitude
60 Geographical Miles = 1° of Equator

FURTHER INDIA—COMMERCIAL.

MAIL STEAMSHIP LINES TO FURTHER INDIA

To	From	Name of Company	Transit in days
Bangkok	Hamburg	Norddeutscher Lloyd	39
Haiphong	Marseilles	Messageries Maritimes	29
Rangoon	Calcutta	British India Steam Navigation	3
"	Trieste	Austrian Lloyd	33
Saigon	Marseilles	Messageries Maritimes	24
"	Yokohama	" "	12
Singapore	Amsterdam	Stoomvaart Maatschappij Nederld	35
"	Barcelona	Compañia Trasatlantica	27
"	Bremerhaven	Norddeutscher Lloyd	36
"	Calcutta	British India Steam Navigation	7
"	Genoa	Navigazione Generale Italiana	28
"	Hongkong	British India Steam Navigation	4
"	London	P. & O. Steam Navigation	28
"	Manila	Compañia Trasatlantica	5
Singapore	Marseilles	Messageries Maritimes	22
"	Rangoon	British India Steam Navigation	5
"	Shanghai	P. & O. Steam Navigation	9
"	Trieste	Austrian Lloyd	44
"	Yokohama	Messageries Maritimes	14
"	"	Nippon Yusen Kaisha	19



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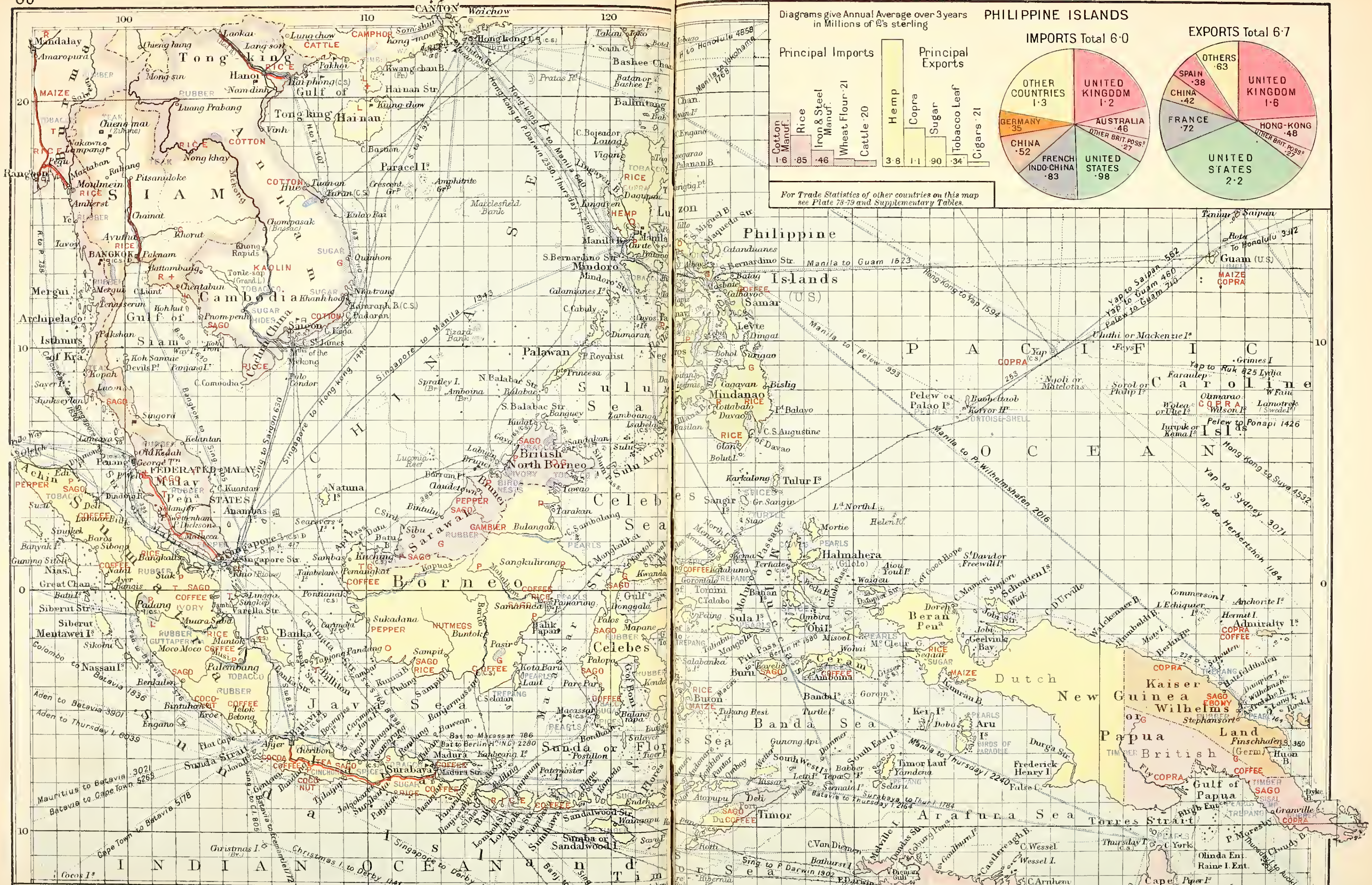
Equatorial Scale 1: 11,500,000

Scale for the degrees of Latitude

60 Geographical Miles = 1° of Equator

EAST INDIAN ARCHIPELAGO—COMMERCIAL.



MAIL STEAMSHIP LINES TO EAST INDIES

To	From	Name of Company	Transit in days
Batavia	Amsterdam	Stoomvaart Maatschappij Nederland ..	37
,,	Marseilles ..	Messageries Maritimes	24
,,	Rotterdam	Rotterdamsche Lloyd	34
,,	Singapore ..	Koninklijke Paketvaart Maatschappij	2
Manila	Barcelona ..	Compañia Trasatlantica	33
,,	Kobe ..	Norddeutscher Lloyd	10
,,	Sydney ..	,, ,, ...	20
Padang	Rotterdam	Rotterdamsche Lloyd	32

KEY TO SYMBOLS

Minerals:
- Coal
- G Gold
- O Iron Ore
- L Lead
- P Petroleum
- R Rubies
- + Sapphires
- S Saltpetre
- T Tin

- Through and other railways
- Navigable rivers and canals
- Principal regular steamship services
- Other steamship routes
- 551 Distances in nautical miles
- Cables D.Docks.(C.S.) Coaling Stations

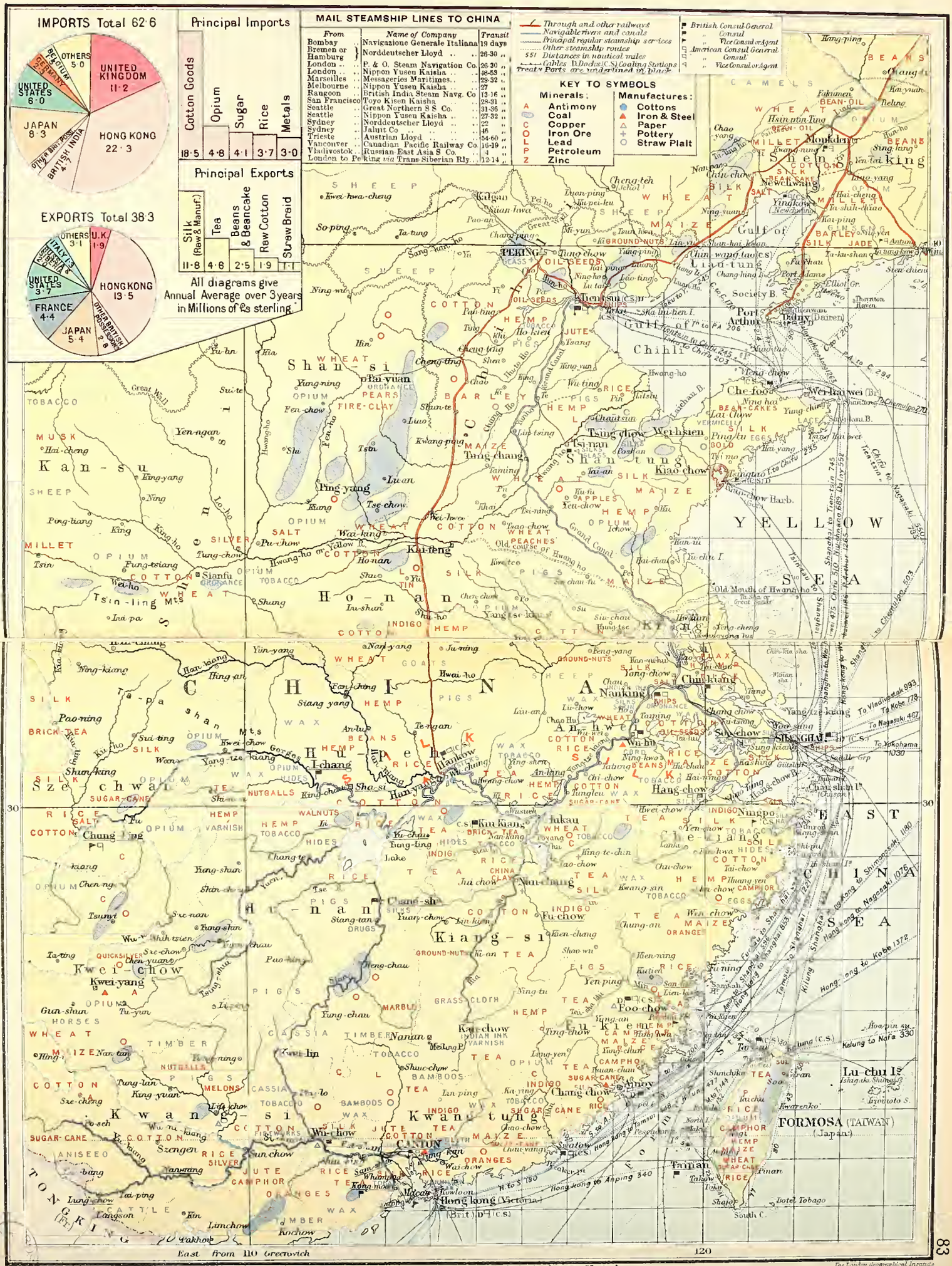
- British Consul General
- ,, Consul
- ,, Vice Consul or Agent
- American Consul General
- ,, Consul
- ,, Vice Consul or Agent

Equatorial Scale 1:20,000,000

Scale for the degrees of Latitude

60 Geographical Miles = 1° of Equator

CHINA—COMMERCIAL.



Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Tables D.Docks (C.S.) Coaling Stations
Treaty Ports are underlined in black.
Ports icebound in winter „ „ blue.

British Consul General
„ Consul
„ Vice Consul or Agent
American Consul General
„ Consul
„ Vice Consul or Agent

KEY TO SYMBOLS

Minerals:	Manufactures:
A Antimony	Cottons
Coal	Iron & Steel
C Copper	LacquerWare
G Gold	Machinery
O Iron Ore	Paper
L Lead	Pottery
Manganese	Ships
P Petroleum	Silk
S Silver	Straw Plait
Sulphur	Woollens

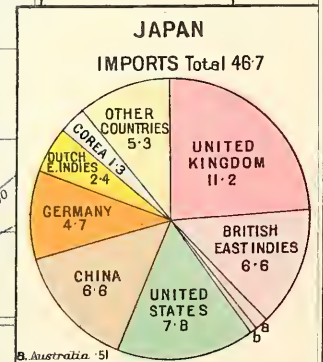
For Formosa see plate 82-83

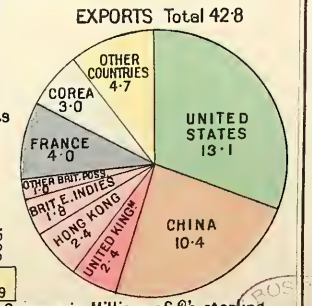
MAIL STEAMSHIP LINES TO JAPAN

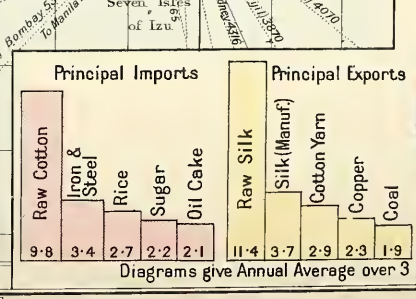
From	Name of Company	Transit in days
Antwerp ..	Nippon Yusen Kaisha ..	46
Bremerhaven	Norddeutscher-Lloyd ..	46
London	Peninsular and Oriental	45
	Nippon Yusen Kaisha ..	45
Marseilles ..	Messageries Maritimes ..	38
Melbourne ..	Nippon Yusen Kaisha ..	20
San Francisco	Toyo Kisen Kaisha ..	24
„ „	Pacific Mail S. S. Co. ..	24
Seattle	Great Northern S. S. Co.	16
Tacoma	Osaka Shosen Kaisha ..	16
Trieste	Austrian Lloyd ..	66
Vancouver ..	Canadian Pacific Ry. Co.	16
Vladivostok ..	Osaka Shosen Kaisha ..	2
London to Japan	via Trans-Siberian Ry.	16
„ „	across America	28

DISTANCES BY TRAIN & STEAMER

From	Stat Miles
Tokio to Hakodate	522
„ „ Kioto	329
„ „ Kobe	376
„ „ Niigata	264
„ „ Nagasaki	861
„ „ Osaka	369
„ „ Yokohama	18







Diagrams give Annual Average over 3 years in Millions of £'s sterling

East from 130 Greenwich

Equatorial Scale 1:10,000,000

Scale for the degrees of Latitude

60 Geographical Miles = 1° of Equator

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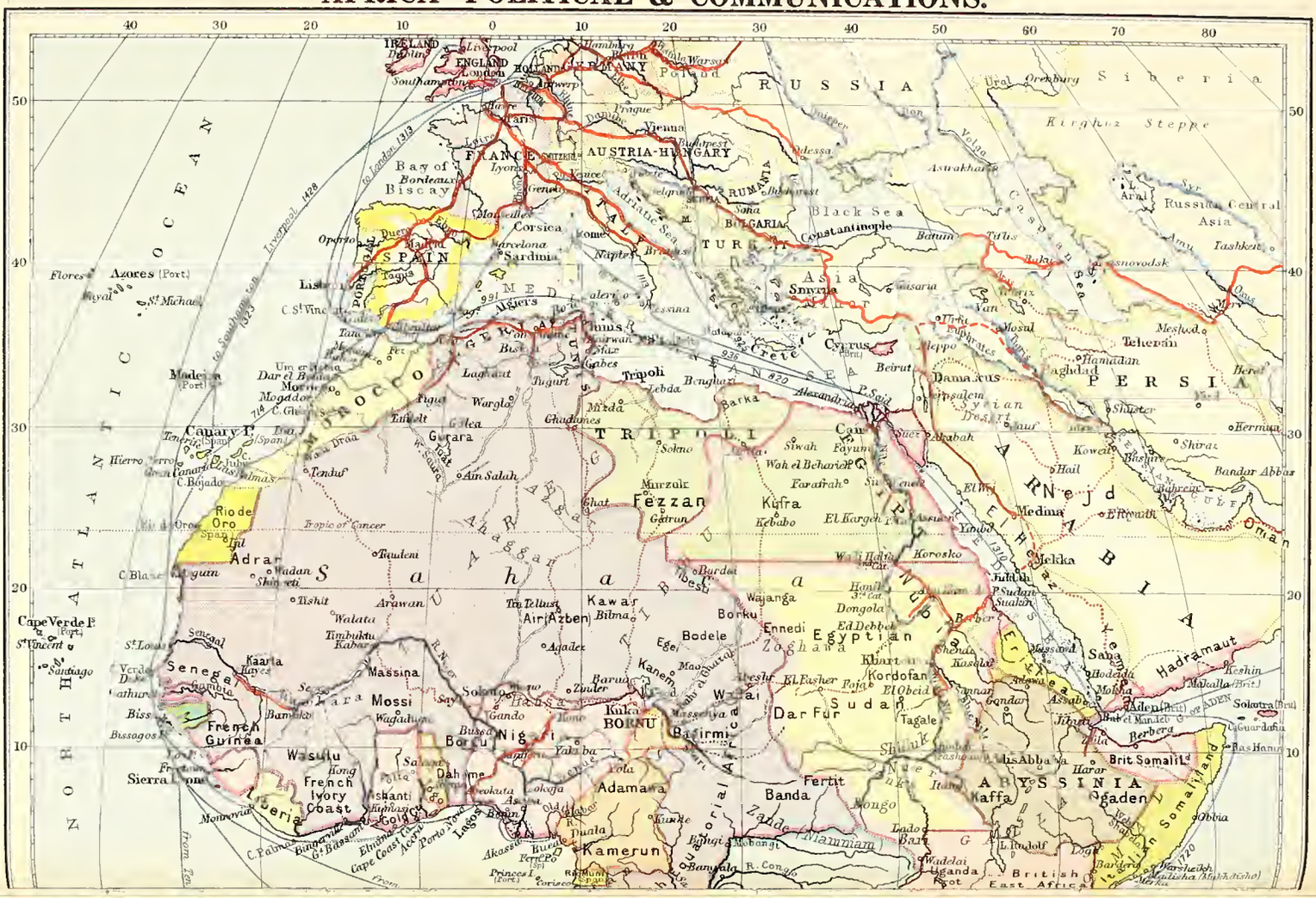
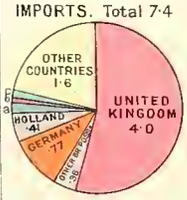
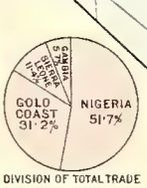
AFRICA—POLITICAL & COMMUNICATIONS.



BRITISH WEST AFRICA

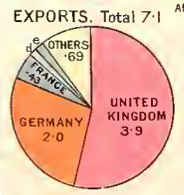
IMPORTS. Total 7·4

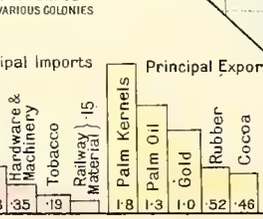




DIVISION OF TOTAL TRADE AMONGST THE VARIOUS COLONIES

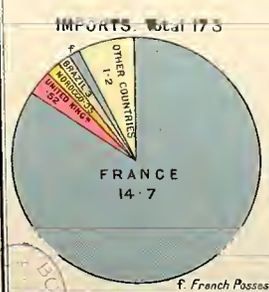
EXPORTS. Total 7·1



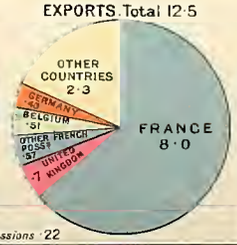


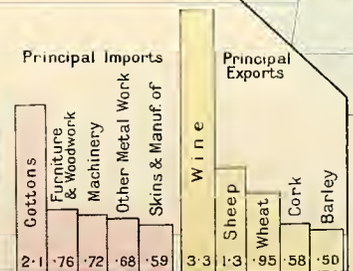
ALGERIA

IMPORTS. Total 17·3



EXPORTS. Total 12·5





f. French Possessions ·22

All Diagrams give Annual Average over 3 years in Millions of £'s sterling

The Trade Statistics of other African Countries will be found on Maps 88-89 and 90-91 or in the Supplementary Tables.

Principal Railways
Caravan Routes
Navigable rivers and canals
Principal steamship routes
551 Distances in nautical miles

European Possessions &c.

British — French — Portuguese — German — Belgian — Spanish — Italian

DISTANCES AND TIMES BY STEAMER.

From		Naut. Miles	Transit in days
Aden to Mombasa	.. ..	1598	6
,, ,, Suez	..	1310	4
Cape Town to Durban	..	790	4
,, ,, Delagoa Bay		1079	4
,, ,, Madeira	..	4677	13
,, ,, St. Helena		1700	6
Delagoa Bay to Mauritius		1435	8
Las Palmas to Lagos	..	2511	10
,, ,, SierraLeone		1315	5
Port Said to Brindisi	..	925	2
,, ,, Malta	..	936	4
Sierra Leone to Lagos	..	1196	5
Tenerife to Banana	..	3195	13
,, ,, Cape Town	..	4429	17
Zanzibar to Beira	..	1038	4
,, ,, Delagoa Bay	..	1010	7½

DISTANCES AND TIMES BY TRAIN

From		Stat. Miles	Hrs.min.
Algiers to Oran	.. ..	280	11. 0
,, ,, Tunis	.. ..	498	25.25
Beira to Bulawayo	..	675	57. 0
Cairo to Alexandria	..	135	3. 0
,, ,, Assuan	.. ..	502	20.30
,, ,, Port Said	..	147	4 0
Cape Town to Bulawayo	..	1362	80.45
,, ,, to Johannesburg		1013	44.23
,, ,, Victoria Falls		1642	116.16
Delagoa Bay to Pretoria	..	350	24. 0
Durban to Johannesburg		480	24. 0
Khartoum to P. Sudan	..	480	22. 0
,, ,, Wadi Halfa	..	576	23.45

George Philip & Son, Ltd.

Scale 1:40,000,000 (640 miles=1 inch) 0 200 400 600 800 1000 Statute Miles

The London Geographical Institute

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables D. Docks (C.S.) Coaling Stations

British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent

Coasting Distances

Freetown to Monrovia	225	Accra to C. Palmas	475
" Sekondi	810	" Lagos	225
" Axim	775	" Cape Coast	70
Monrovia to C. Palmas	215	Konakry to Dakar	400
" Dakar	650	" G^d Lahou	670
" Sekondi	588	G^d Bassam	76
Cape Coast	35	" Kotonu	398

DISTANCES AND TIMES BY MAIL STEAMER

To	From	Naut. Miles	Transit in days	To	From	Naut. Miles	Transit in days
Accra	Liverpool	3885	15	Mombasa	Bombay	2390	11
Alexandria	Genoa	1320	4	Port Said	Aden	1397	5
"	Marseilles	1400	5	"	Brindisi	925	2
"	Trieste	1193	3¾	"	Marseilles	1506	5
Algiers	Marseilles	402	1	"	Naples	1113	4
Lagos	Hamburg	4594	18	Sierra Leone	Liverpool	2970	11
"	Liverpool	4110	16	Suez	Port Sudan	698	2¼
Las Palmas	"	1655	6	Tunis	Marseilles	471	1½
Madeira	Southampton	1323	4	Zanzibar	Bombay	2517	10
Massaua	Genoa	2311	24	"	Hamburg	7272	34
Mombasa	Aden	1598	6	"	London	6673	27

Geo. Philip & Son Ltd

Equatorial Scale 1:24000000

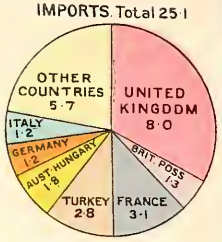
Principal Imports / Principal Exports

Cereals & Vegetables	Cotton Tissues	Wood, Coal & Canework	Metals & Manufs	Spirits, Oils &c.	Cotton (Raw)	Cereals & Vegetables	Tobacco	Skins & Leather Goods	Animals & Animal Food Products
3·6	3·2	3·2	3·0	1·2	21·2	3·3	3·8	1·8	1·5

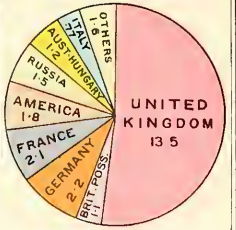
For Statistics of the other countries on this map see Plate 58-87 and Supplementary Tables

EGYPT

IMPORTS Total 25·1



EXPORTS Total 25·8



Annual Average over 3 years in Millions of £s sterling

KEY TO SYMBOLS
Minerals:
Coal
C Copper
G Gold
O Iron Ore
L Lead
M Mercury
P Phosphates
Z Zinc

East from 30 Greenwich

Scale for the degrees of Latitude
60 Geographical Miles = 1° of Equator

The London Geographical Institute

British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Tables D. Docks (C.S.) Coaling Stations

MAIL STEAMSHIP LINES TO S. & CENTRAL AFRICA

To	From	Name of Company	Transit in days
Banana	Antwerp ..	Cie. Belge Maritime du Congo ..	19
Beira	Lisbon ..	Empreza Nacl. de Navegaçao ..	33
Cape Town ..	Hamburg ..	Deutsche Ost Afrika Linie ..	27
"	Aberdeen ..	Aberdeen Line	23
"	Loudon ..	New Zealand Shipping Co. ..	23
"	" ..	Shaw, Savill & Albion	23
"	Southampton	Union Castle Line	17
"	Wellington ..	Shaw, Savill & Albion	23
"	" ..	New Zealand Shipping Co. ..	23
Durban ..	Bombay ..	Deutsche Ost Afrika Linie ..	30
"	London ..	Natal Direct	27
"	Southampton	Union Castle Line	22
"	Sydney ..	Aberdeen Line	23
"	Trieste ..	Austrian Lloyd	27
Loreuço Marquez	Lisbon ..	Empreza Nacl. de Navegaçao ..	27
" ..	Hamburg ..	Deutsche Ost Afrika Linie ..	42
" ..	Mauritius ..	Union Castle Line	3½
Mombasa	Bombay ..	Deutsche Ost Afrika Linie ..	11
"	Trieste ..	Austrian Lloyd	16
"	London ..	P. & O. & Brit. India Steam Nav	26
Port Elizabeth ..	Southampton	Union Castle Line	20
Swakopmund ..	Hamburg ..	Woermann Line	23
Tamatave	Marseilles ..	Messageries Maritimes	22
Zanzibar	Aden	British India Steam Navigation	8
"	Hamburg ..	Deutsche Ost Afrika Linie	34

BRITISH SOUTH AFRICA

Principal Imports: Textiles & Wearing Apparel 7·1; Articles of Food & Drink 7·0; Machinery &c. 2·0; Other Metal Manuf. 1·6; Oilmen's Stores 1·2

Principal Exports: Gold (Raw) 29·1; Diamonds 7·7; Wool (Sheeps) 2·9; Ostrich Feathers 1·7; Angora Hair ·84

THE HORN OF AFRICA (Eastern Continuation on same scale)

Equatorial Scale 1:20000000

KEY TO SYMBOLS

Minerals.
- Coal
- C Copper
- ♦ Diamonds
- G Gold
- O Iron Ore
- L Lead
- X Saltpetre
- S Silver
- T Tin

Manufactures:
- V Brewing
- D Distilling
- + Earthenware
- ⊥ Leather
- ■ Machinery

Scale for the degrees of Latitude

60 Geographical Miles = 1° of Equator

30 East from Greenwich

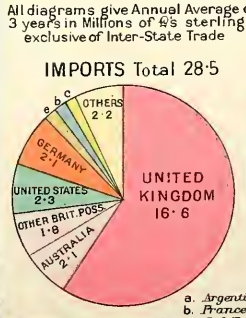
Delagoa to Tamatave 1227. Mauritius 1435 (C.S.) Mary

For Trade Statistics of other countries on this map see Supplementary Tables.

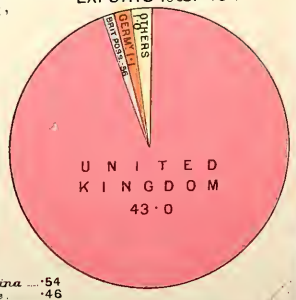
BRITISH SOUTH AFRICA

All diagrams give Annual Average over 3 years in Millions of £'s sterling, exclusive of Inter-State Trade

IMPORTS Total 28·5



EXPORTS Total 45·7



a. Argentina ..54
b. France ..46
c. Portugal & Possessions ..44

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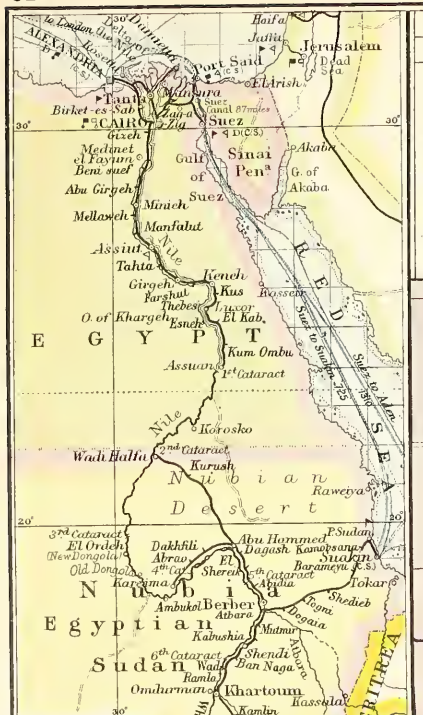
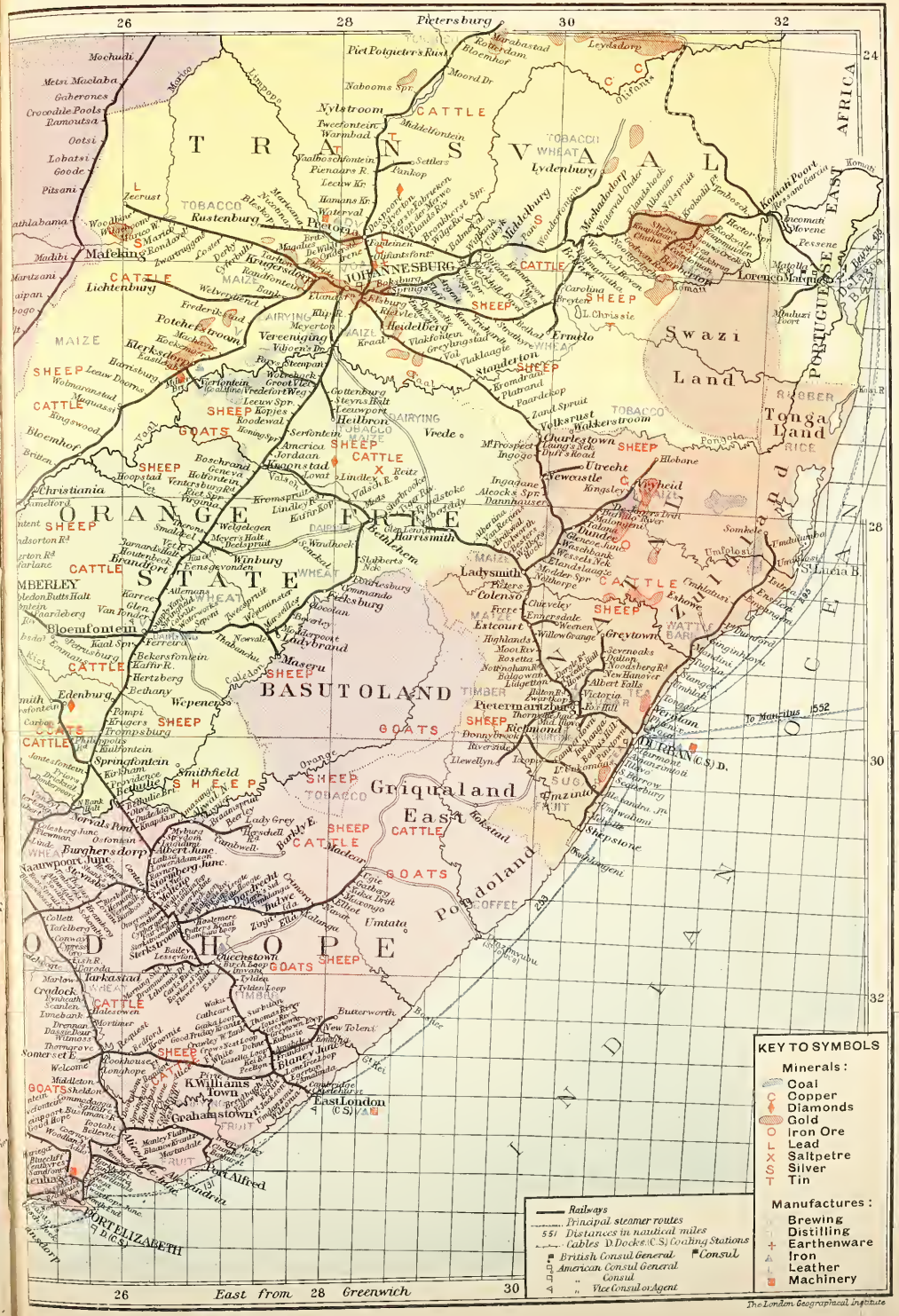
DISTANCES AND TIMES BY TRAIN		
From	Stat. Miles	Hrs. min.
Cape Town to Bloemfontein ..	750	34. 0
,, ,, De Aar ..	500	23 30
,, ,, East London ..	887	48 10
,, ,, Johannesburg ..	1013	44 23
,, ,, Kimberley ..	647	30 35
,, ,, Port Elizabeth ..	839	44 15
,, ,, Pretoria ..	1059	47. 0
Durban to Johannesburg ..	480	24. 0
,, ,, Ladysmith ..	160	10. 0
,, ,, Pietermaritzburg	71	4. 0
Johannesburg to Bloemfontein ..	245	11.30
,, ,, Kimberley ..	310	12 40
,, ,, Lorenzo Marques	396	25. 0
Port Elizabeth to Bloemfontein	459	23.50
,, ,, Johannesburg	713	34.40
,, ,, Kimberley ..	485	34.50
,, ,, Pretoria ..	759	36.30
Pretoria to Johannesburg ..	46	1.15
,, ,, Lorenzo Marques ..	350	24. 0





George Philip & Son Ltd
The London Geographical Institute

Equatorial Scale 1:70,000,000

DISTANCES & TIMES BY STEAMER

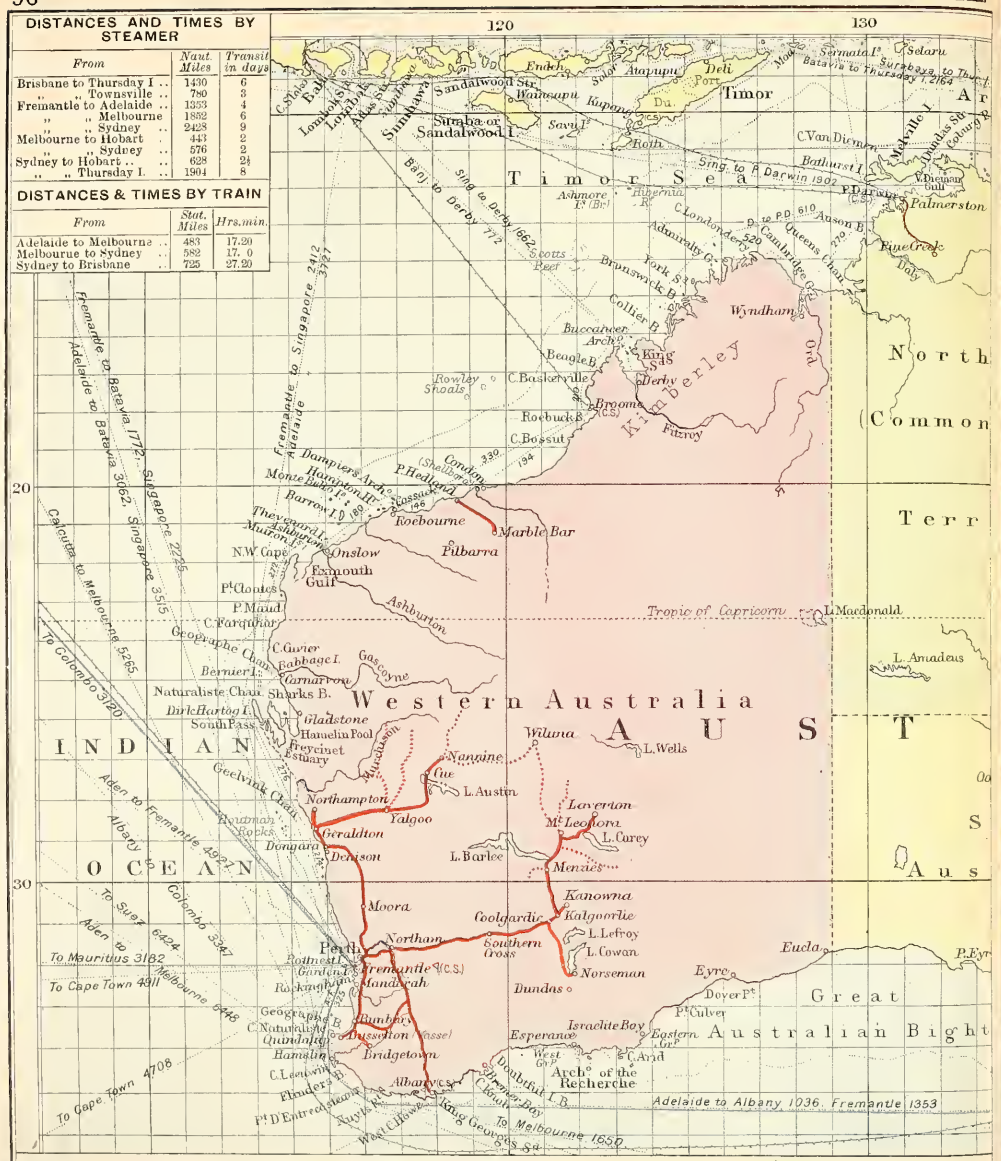
From	Naut. Miles	Transit in days
Brisbane to Vancouver ..	6675	23
San Francisco to Auckland ..	5924	18
" " " Salina Cruz	2267	12
Shanghai to Vladivostok ..	1122	3½
Sydney to Hongkong	4913	22
" " Melbourne	576	2
Valparaiso to Punta Arenas	1414	6
" " Salina Cruz ..	3252	13
Wellington to Cape Horn ..	4614	16
Yokohama to Hongkong ..	1580	6
" " San Francisco	5477	18
" " Seattle	4259	16
" " Vancouver ..	4280	12

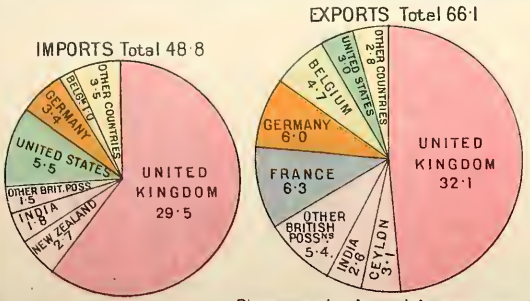
DISTANCES AND TIMES BY STEAMER

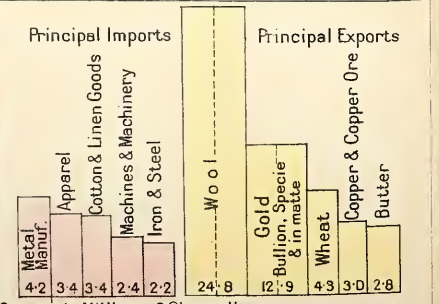
From	Naut. Miles	Transit in days
Brisbane to Thursday I ..	1430	6
" " Townsville ..	780	3
Fremantle to Adelaide ..	1353	4
" " Melbourne	1832	6
" " Sydney ..	2428	9
Melbourne to Hobart ..	443	2
" " Sydney ..	576	2
Sydney to Hobart	628	24
" " Thursday I. ..	1904	8

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs.min.
Adelaide to Melbourne ..	483	17.20
Melbourne to Sydney ..	582	17. 0
Sydney to Brisbane ..	725	27.20

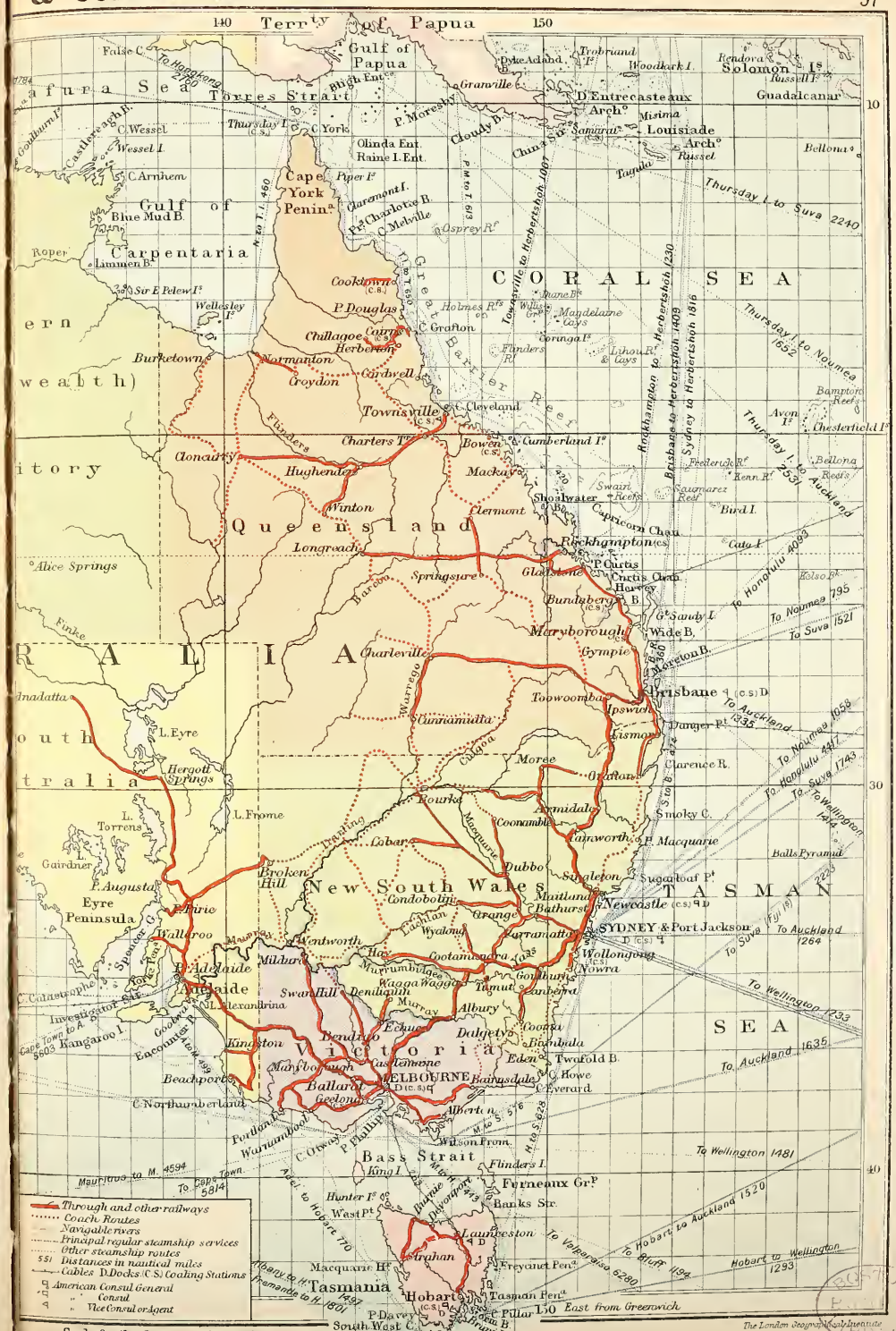






Diagrams give Annual Average over 3 years in Millions of £'s sterling.

Equatorial Scale 1:20000000



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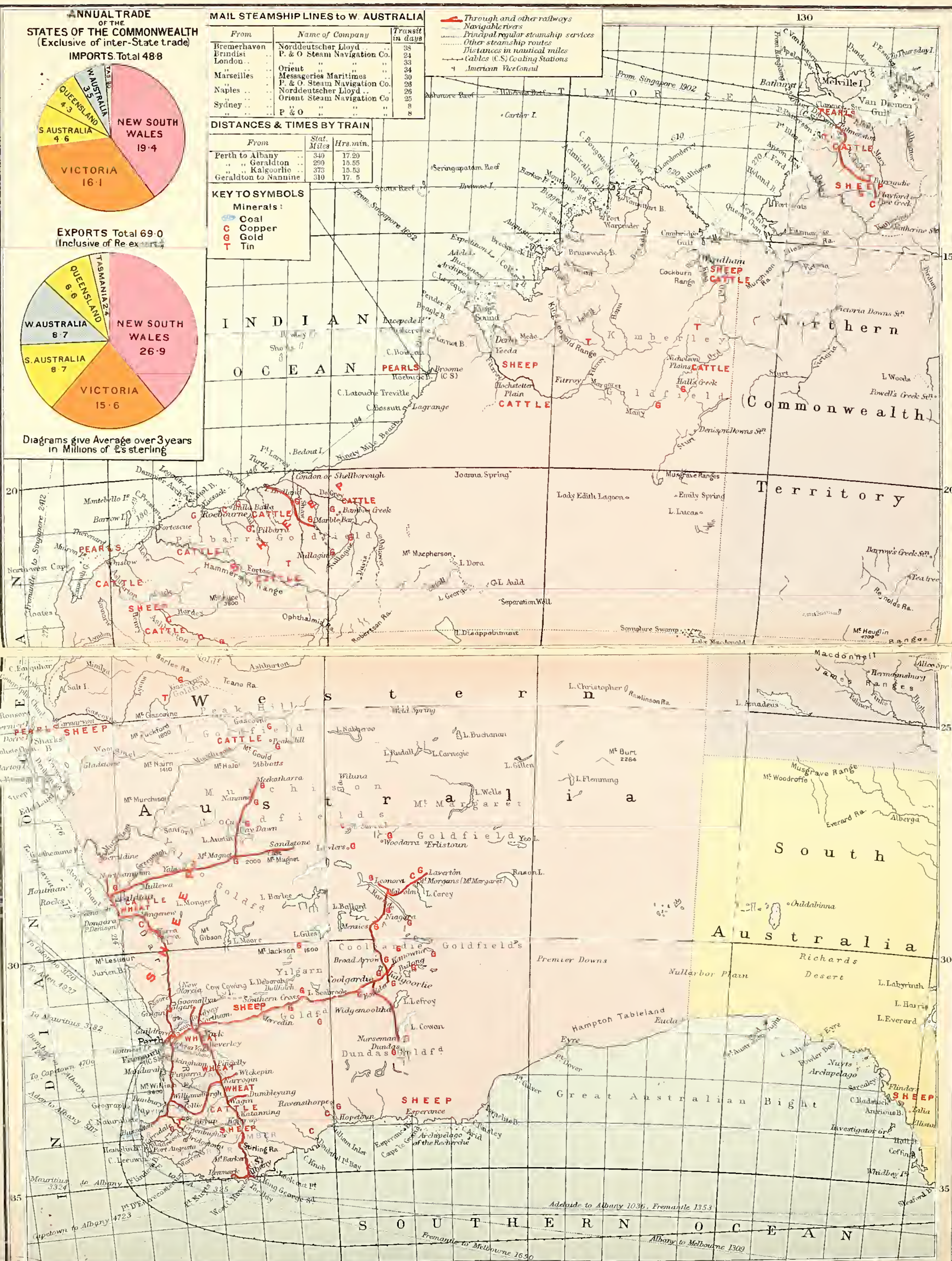
AUSTRALIA—COMMERCIAL— WESTERN SHEET.



Scale 1:10,000,000 (160 miles-1 inch) 0 100 200 Statute Miles

MAIL STEAMSHIP LINES to W. AUSTRALIA

From	Name of Company	Transit in days
Bremerhaven	Norddeutscher Lloyd	38
Brindisi	P. & O. Steam Navigation Co.	24
London	"	33
"	Orient "	34
Marseilles	Messageries Maritimes	30
"	P. & O. Steam Navigation Co.	28
Naples	Norddeutscher Lloyd	26
"	Orient Steam Navigation Co	25
Sydney	"	8
"	P & O "	8

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Perth to Albany	340	17.20
" " Geraldton	290	15.55
" " Kalgoorlie	373	15.53
Geraldton to Nannine	310	17. 5

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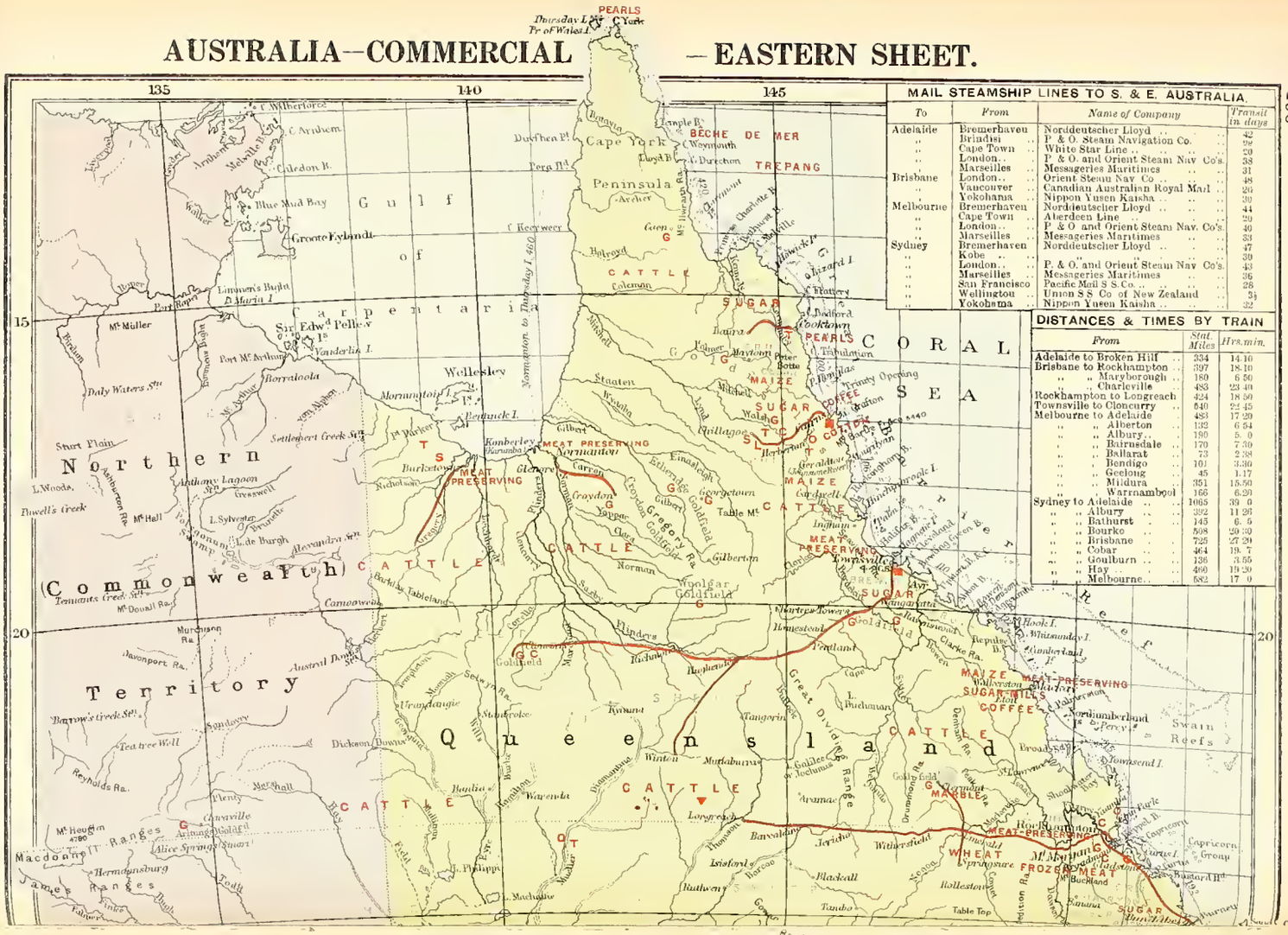
AUSTRALIA—COMMERCIAL —EASTERN SHEET.



MAIL STEAMSHIP LINES TO S. & E. AUSTRALIA.

To	From	Name of Company	Transit in days
Adelaide	Bremerhaven	Norddeutscher Lloyd	42
..	Brindisi ..	P. & O. Steam Navigation Co. ..	29
..	Cape Town ..	White Star Line	29
..	London.. ..	P. & O. and Orient Steam Nav Co's.	38
..	Marseilles ..	Messageries Maritimes	31
Brisbane	London.. ..	Orient Steam Nav Co	48
..	Vancouver ..	Canadian Australian Royal Mail ..	26
..	Yokohama ..	Nippon Yusen Kaisha	30
Melbourne	Bremerhaven	Norddeutscher Lloyd	41
..	Cape Town ..	Aberdeen Line	29
..	London.. ..	P. & O and Orient Steam Nav. Co's.	40
..	Marseilles ..	Messageries Maritimes	33
Sydney	Bremerhaven	Norddeutscher Lloyd	47
..	Kobe	.. .. ..	39
..	London.. ..	P. & O. and Orient Steam Nav Co's.	43
..	Marseilles ..	Messageries Maritimes	36
..	San Francisco	Pacific Mail S S. Co.	28
..	Wellington ..	Union S S Co of New Zealand ..	34
..	Yokohama ..	Nippon Yusen Kaisha	32

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Adelaide to Broken Hill ..	334	14.10
Brisbane to Rockhampton ..	397	18.10
.. .. Maryborough ..	180	6.50
.. .. Charleville ..	483	23.40
Rockhampton to Longreach	424	18.50
Townsville to Cloncurry ..	640	22.45
Melbourne to Adelaide ..	483	17.29
.. .. Alberton ..	132	6.54
.. .. Albury.. ..	190	5. 0
.. .. Bairnsdale ..	170	7.30
.. .. Ballarat ..	73	2.38
.. .. Bendigo ..	101	3.36
.. .. Geelong ..	45	1.17
.. .. Mildura ..	351	15.50
.. .. Warrnambool	166	6.20
Sydney to Adelaide	1065	39. 0
.. .. Albury	392	11.26
.. .. Bathurst	145	6. 5
.. .. Bourke	508	20.30
.. .. Brisbane	725	27.20
.. .. Cobar	464	19. 7
.. .. Goulburn	136	3.55
.. .. Hay	460	19.20
.. .. Melbourne.. ..	582	17. 0

Scale 1:10,000,000 (160 miles-1 inch) 0 100 200 Statute Miles

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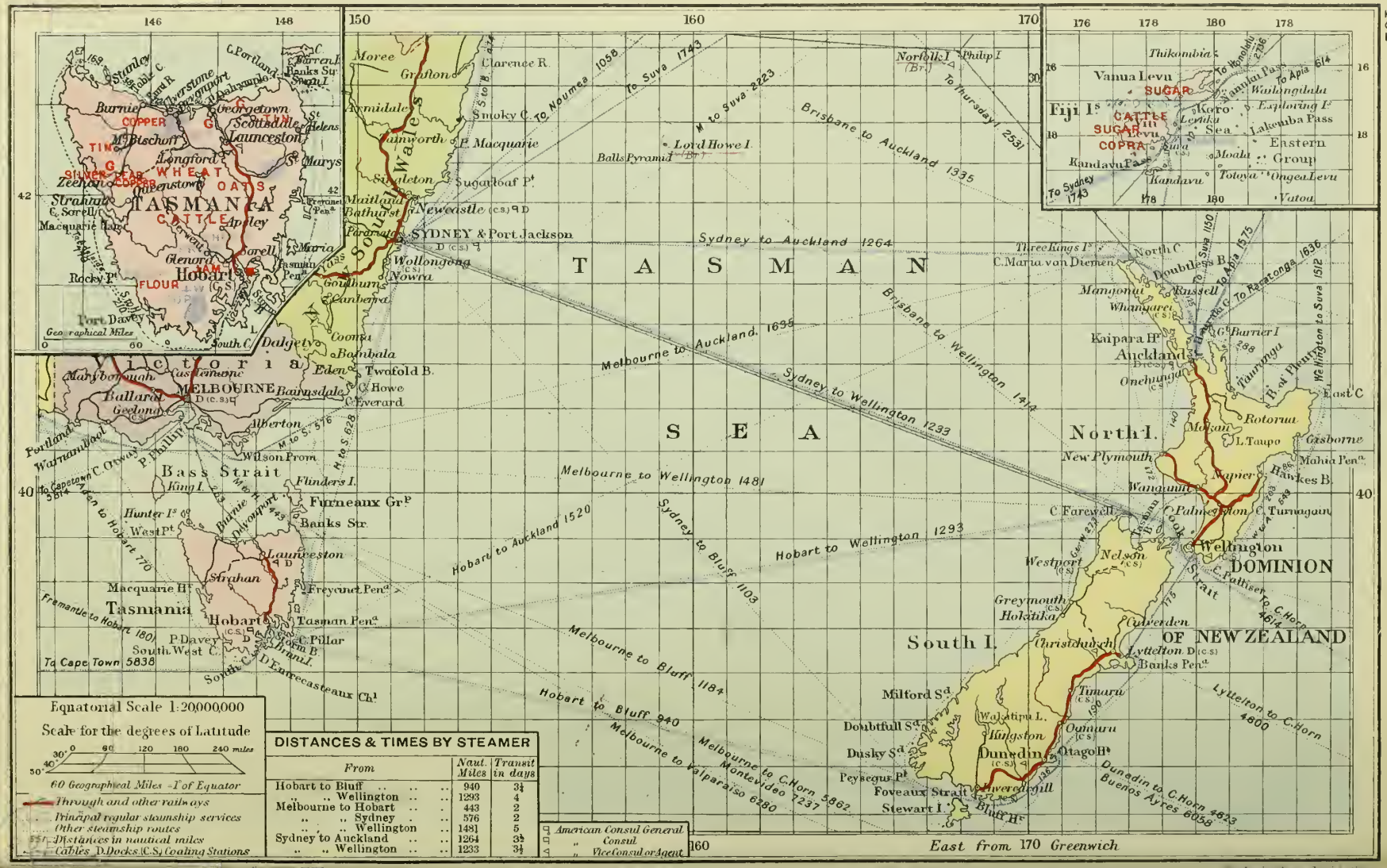
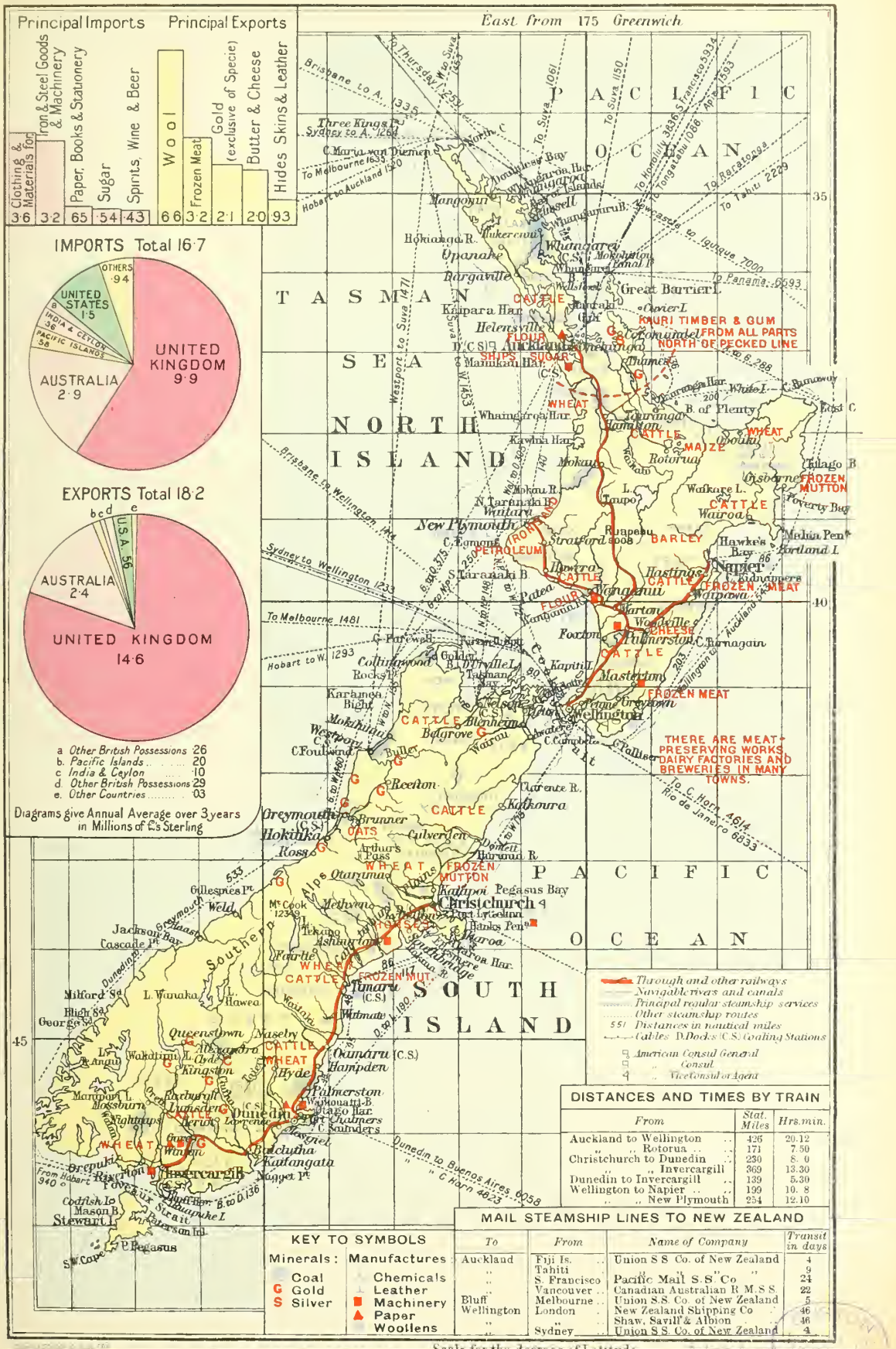
SOUTH-EAST AUSTRALIA & NEW ZEALAND—COMMUNICATIONS.



DISTANCES & TIMES BY STEAMER

From	Naut. Miles	Transit in days
Hobart to Bluff	940	3½
.. .. Wellington	1293	4
Melbourne to Hobart	443	2
.. .. Sydney . ..	576	2
.. .. Wellington ..	1481	5
Sydney to Auckland	1264	3½
.. .. Wellington	1233	3½

NEW ZEALAND—COMMERCIAL.



THE NEW WORLD.

Equatorial Scale 1: 90,000,000

Scale for degrees of Latitude

60 Geographical Miles = 1° of Equator

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NORTH AMERICA—POLITICAL & COMMUNICATIONS.

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Halifax to Vancouver	3656	132 0
Puerto Mexico to Salina Cruz	188	10 30
New York to Mexico	2998	104 0
" " " New Orleans ..	1370	41 45
" " " San Francisco	3257	88 28
San Francisco to Mexico ..	2519	100 0
" " " New Orleans	2477	68 45

DISTANCES & TIMES BY STEAMER

From	Naut. Miles	Transit in days
New Orleans to Colon	1380	6
" " " Havana	585	2
" " " Puerto Mexico	790	3
New York to Colon	1972	7
" " " Halifax	599	2
" " " Havana	1197	3½
" " " Kingston	1457	5½
" " " New Orleans ..	1699	6
" " " Vera Cruz	2966	8
San Francisco to Panama ..	3277	22
" " " Salina Cruz ..	2050	10
" " " Vancouver ..	822	4

Scale 1:30,000,000 (480 miles 1 inch) 0 100 200 300 400 500 600 Statute Miles

George Philip & Son Ltd.

The London Geographical Institute

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables: D Dundee; C.S. Coaling Stations
Ports icebound in winter underlined blue

British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent

For Mail Steamship Lines, see Plates 100, 102, 104, 106

KEY TO SYMBOLS

Minerals:

- Aluminium
- Cement
- Copper
- Iron Ore
- Natural Gas
- Phosphates
- Salt
- Zinc
- Antimony
- Coal
- Gold
- Lead
- Petroleum
- Quicksilver
- Silver

DISTANCES AND TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Chicago to Mexico	2110	80. 0
" " New Orleans	921	25.15
" " San Francisco	2276	70.28
" " Seattle	2342	71.30
" " Winnipeg	889	27. 0
Montreal to Halifax	758	26.35
" " Quebec	173	5. 0
" " Vancouver	2898	105.30
" " Winnipeg	1414	48.20
New York to Boston	124	5 0
" " Chicago	980	18. 0
" " Mexico	2998	104. 0
" " Montreal	366	12.45
" " New Orleans	1370	41.45
" " Philadelphia	90	1.50
" " St. Louis	1052	23. 0
" " San Francisco	3257	88.28
" " Seattle	3322	89.30
San Francisco to Los Angeles	475	16.45
" " " Mexico	2519	100. 0
" " " New Orleans	2477	98.45
" " " St. Louis	2309	78.50
" " " Seattle	957	34.10

KEY TO SYMBOLS

Manufactures:

- Chemicals
- Distilling
- Hardware
- Iron & Steel
- Machinery
- Pottery
- Silk
- Woollens
- Cottons
- Glass
- Hosiery
- Leather
- Paper
- Ships
- Tinplate

West from 100 Greenwich

Equatorial Scale 1:25000000

All Diagrams give Annual Average over 3 years in Millions of £'s sterling

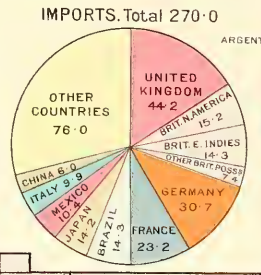
Principal Imports

Sugar	Chemicals Drugs & Dyes	Coffee	Hides & Skins	Silk (Raw)	Cotton (Raw)	Meat & Dairy Produce	Breadstuffs	Iron & Steel (Manuf)	Mineral Oils
18·4	16·1	15·4	14·8	14·8	91·5	38·5	38·3	35·0	20·2

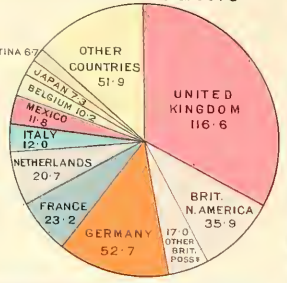
Principal Exports

UNITED STATES

IMPORTS. Total 270·0



EXPORTS. Total 364·8



Scale for the degrees of Latitude

60 Geographical Miles = 1° of Equator

KEY TO SYMBOLS

Minerals:

- A Asbestos
- Coal
- C Copper
- Cement
- G Gold
- O Iron Ore
- L Lead
- N Nickel
- P Petroleum
- S Silver

Manufactures:

- Brewing
- Cottons
- Leather
- Machinery
- Paper
- Woollens

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Halifax to Quebec	674	19. 0
" " St. John	276	9 50
" " Sydney	275	12 45
Montreal to Halifax	758	26 35
" " Ottawa	116	3. 0
" " Quebec	173	5 0
" " St. John	482	16.35
" " Sault Ste. Marie	623	19.45
" " Toronto	338	9.35
" " Winnipeg	1414	48. 0
Toronto to Winnipeg	1236	38.15

MAIL STEAMSHIP LINES TO EAST CANADA AND NEWFOUNDLAND

To	From	Name of Company	Transit in days
Halifax	Bristol	Royal Line	5
"	Liverpool	Allan Line	7
"	"	Canadian Pacific Line	7
"	"	Dominion Line	7
Quebec	Bristol	Royal Line	6
"	Liverpool	Allan Line	7
"	"	Canadian Pacific Line	7
"	"	Dominion Line	7
St. John (New Brunswick)	"	Allan Line	8½
St. John's (Newfoundland)	"	Dominion Line	8½
	"	Allan Line	6½

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables D.Docks (C.S.) Coaling Stations
Ports icebound in winter underlined blue

British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent

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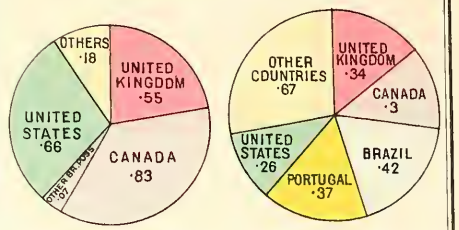
NEWFOUNDLAND & LABRADOR



IMPORTS Total 2·3 EXPORTS Total 2·4

Annual Average over 3 years in Millions of £'s sterling.

For Statistics of the Trade of CANADA, see Map 112–113

NEWFOUNDLAND & LABRADOR

Principal Imports					Principal Exports			
Flour	Textiles	Coal ·12	Hardware ·11	Salt Pork ·10	Dried Cod	Iron Ore, etc.	Cod & Seal Oils	Lobsters (tinned) ·08	Herring ·08
35	34				1·6	·23	·15		

Annual Average over 3 years in Millions of £'s sterling.

West from 70 Greenwich

0 100 200 300 Statute Miles

The London Geographical Institute.

Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables D.Docks (C.S.) Coaling Stations

Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent

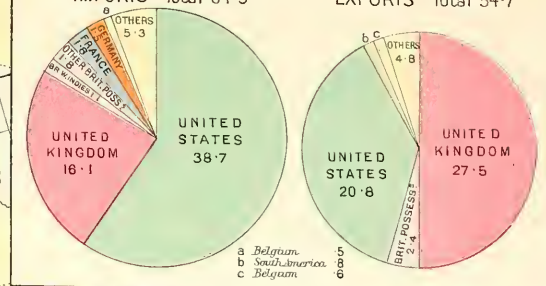
Scale 1: 12,500,000 (200 miles = 1 inch)

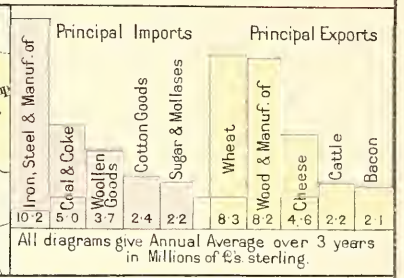
West from 100 Greenwich

0 50 100 200 Statute Miles

DOMINION OF CANADA

IMPORTS Total 64·9 EXPORTS Total 54·7





All diagrams give Annual Average over 3 years in Millions of £s. sterling.

MAIL STEAMSHIP LINES TO WESTERN CANADA

To	From	Name of Company	Transit in days
Vancouver	Auckland ..	Canadian Australian R.M.S.S.	22
"	Brisbane ..	" " "	26
"	Fiji ..	" " "	18
"	Honolulu ..	" " "	8
"	S. Francisco	Pacific Coast Steamship Co.	4
"	Yokohama	Canadian Pacific Line ..	12
Victoria ..	Yokohama	Nippon Yusen Kaisha ..	16

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hr. min.
Calgary to Edmonton	192	7.30
" " Vancouver ..	646	21.58
Regina to Prince Albert	249	11.40
Winnipeg to Calgary ..	838	28.30
" " Edmonton	696	28.15
" " Port Arthur	442	13.45
" " Regina ..	358	10.45
" " Vancouver ..	1484	57.30

KEY TO SYMBOLS

Minerals:

- C Coal
- Cu Copper
- G Gold
- O Iron Ore
- L Lead
- P Petroleum
- S Silver
- Z Zinc

Manufactures:

- Brewing
- Cottons
- Machinery
- Paper
- Woollens

BOSTON

UNITED STATES—COMMERCIAL—EASTERN SHEET.

DISTANCES & TIMES BY TRAIN

From	Stat. Miles	Hrs. min
Chicago to Buffalo ..	535	11 30
" " Cincinnati ..	284	9.15
" " Kansas City	488	13 50
" " Minneapolis	412	11 25
" " Omaha ..	496	13.20
" " Pittsburg ..	468	10. 4
" " St. Louis ..	283	7.50
New York to Buffalo ..	438	10. 0
" " " Charleston	737	20.50
" " " Cincinnati	778	22.15
" " " Pittsburg ..	439	8.45
" " " Washington	225	5.10
St. Louis to Cincinnati .	303	7.45
" " Kansas City ..	279	8.20
" " New Orleans	710	20.55

MAIL STEAMSHIP LINES TO UNITED STATES

To	From	Name of Company	Transit in days
Baltimore ..	Bremerhaven	Norddeutscher Lloyd	13
Boston ..	Jamaica ..	American Mail S.S. Co.	4½
New Orleans	Belize	United Fruit Co.	3
" "	Limon . ..	" " "	5
New York .	Antwerp ..	Red Star Line	9
" "	Bermuda ..	Quebec S.S. Co.	2½
" "	Bremerhaven	Norddeutscher Lloyd	7½
" "	Colon	Panama Railroad Co.	6
" "	Cuxhaven .	Hamburg Amerika Linie .	7½
" "	Genoa	Norddeutscher Lloyd	13
" "	Genoa	Hamburg Amerika Linie ..	16
" "	Hamburg ..	" " " ..	7½
" "	Havre .. .	Cie. Génle. Transatlantique ..	7
" "	Havana ..	New York & Cuba Mail S.S. Co.	3½
" "	La Guaira ..	Red "D" Line	7
" "	Liverpool ..	White Star & Cunard Lines ..	6
" "	Rotterdam ..	Holland Amerika Line	10
" "	Porto Rico ..	Red "D" Line	5
" "	Southampton	American Line	6½
" "	Tampico ..	New York & Cuba Mail S.S. Co.	8
Philadelphia	Jamaica .	American Mail S.S. Co. .	4½
Tampa ..	Havana ..	Peninsular & Occidntl. S.S. Co.	1½

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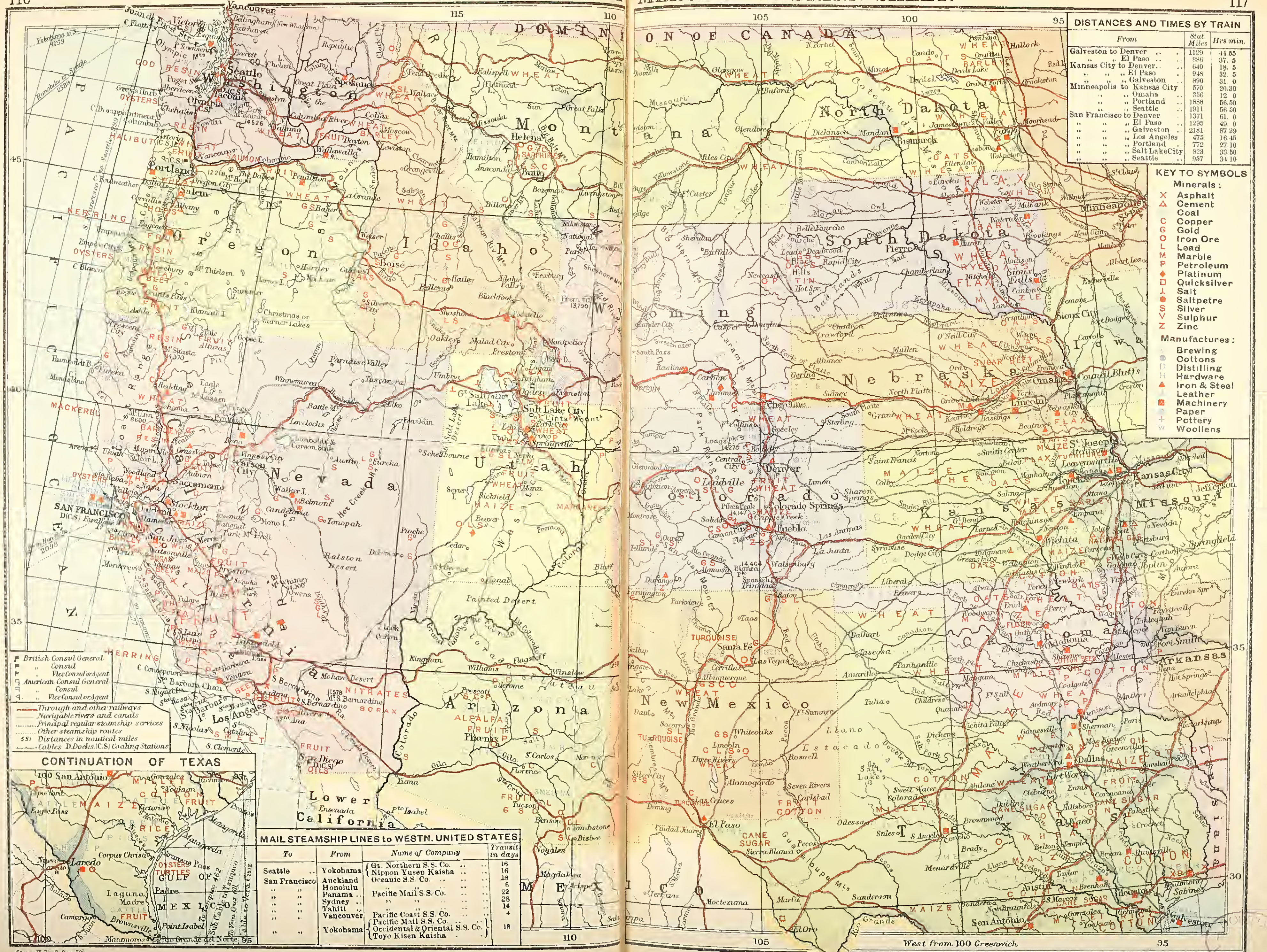
Scale 1: 10,000,000 (160 miles = 1 inch) 0 50 100 200 300 Statute Miles

UNITED STATES—COMMERCIAL—WESTERN SHEET.



DISTANCES AND TIMES BY TRAIN

From	Stat. Miles	Hrs. min.
Galveston to Denver	1129	44.55
" " El Paso	886	37. 5
Kansas City to Denver	640	18. 5
" " " El Paso .	948	32. 5
" " " Galveston ..	890	31. 0
Minneapolis to Kansas City	570	20.30
" " Omaha ..	356	12 0
" " Portland ..	1888	56.50
" " Seattle ..	1911	56 50
San Francisco to Denver .	1371	61. 0
" " " El Paso ..	1295	49. 0
" " " Galveston ..	2181	87 39
" " " Los Angeles	475	16.45
" " " Portland ..	772	27.10
" " " Salt Lake City	823	33.50
" " " Seattle ..	957	34 10

MAIL STEAMSHIP LINES to WESTN. UNITED STATES

To	From	Name of Company	Transit in days
Seattle ..	Yokohama	Gt. Northern S.S. Co.	16
		Nippon Yusen Kaisha	16
San Francisco	Auckland	Oceanic S.S. Co.	18
" "	Honolulu	" "	6
" "	Panama ..	Pacific Mail S.S. Co.	22
" "	Sydney ..	" "	28
" "	Tahiti ..	" "	14
" "	Vancouver	Pacific Coast S.S. Co.	4
" "	Yokohama	Pacific Mail S.S. Co. .. .. Occidental & Oriental S.S. Co. Toyo Kisen Kaisha . .	18

Scale 1:10,000,000 (160 miles-1 inch)

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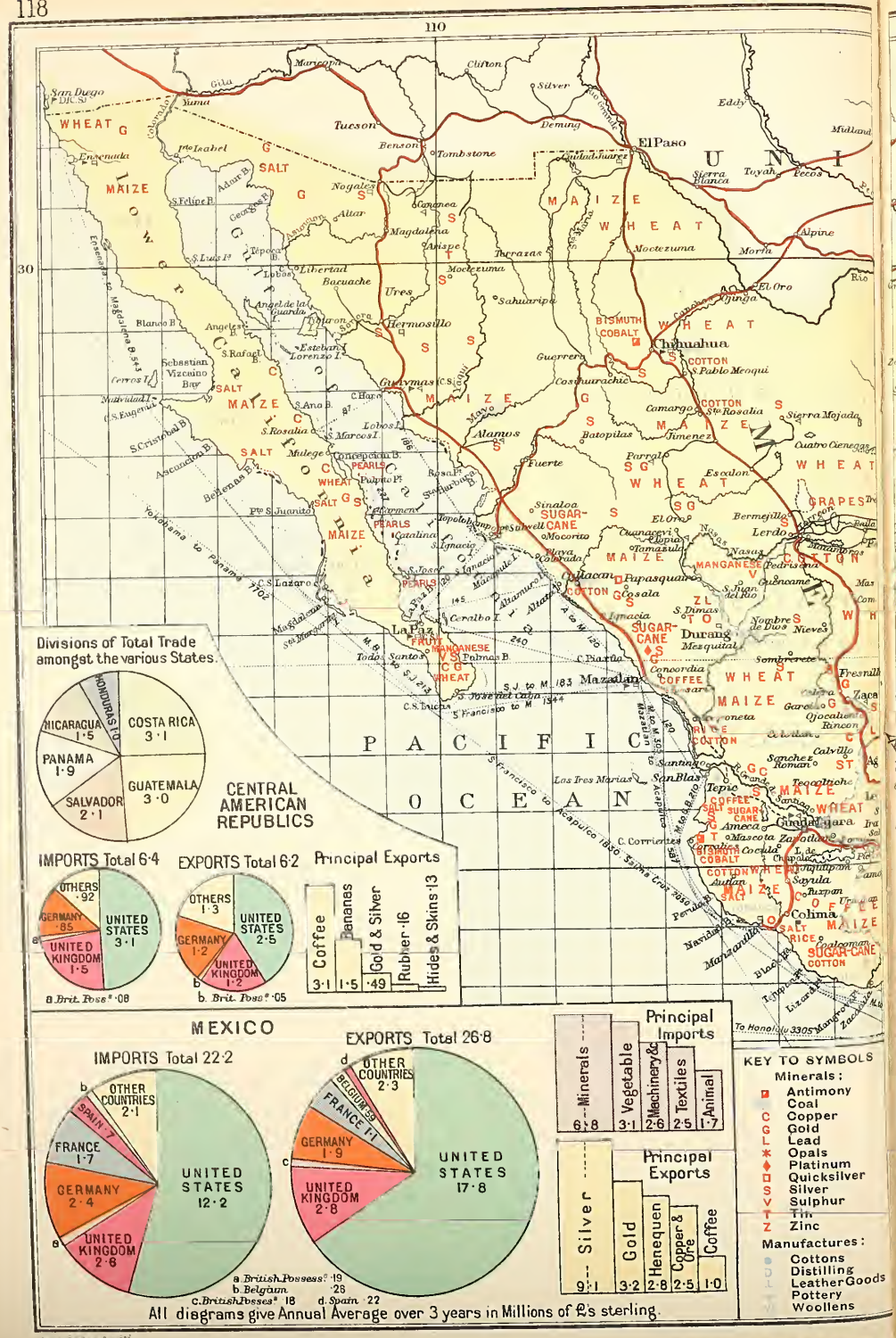
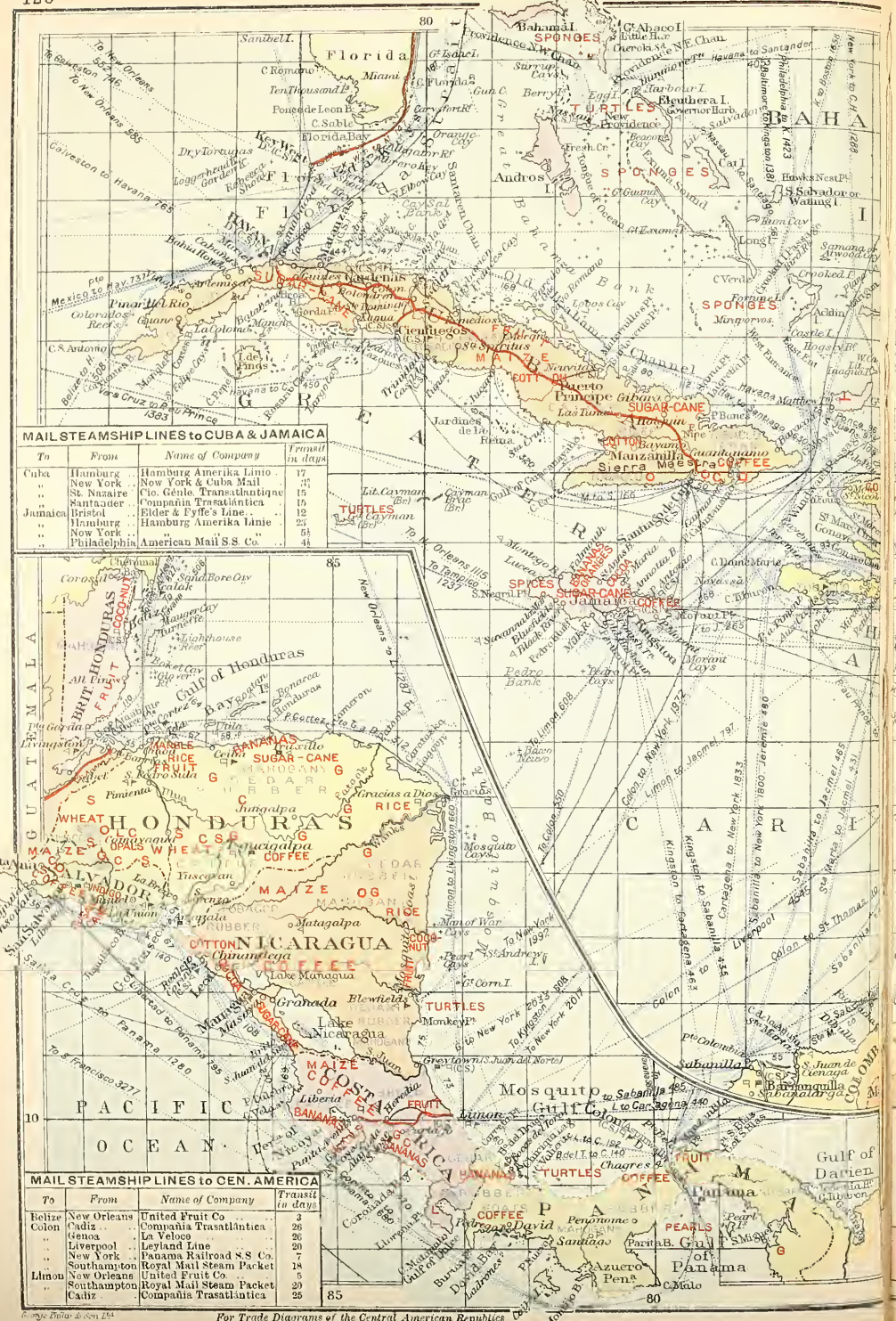

Divisions of Total Trade amongst the various States.
HONDURAS 10
COSTA RICA 3·1
NICARAGUA 1·5
PANAMA 1·9
SALVADOR 2·1
GUATEMALA 3·0
CENTRAL AMERICAN REPUBLICS
IMPORTS Total 6·4
OTHERS ·92
GERMANY ·85
UNITED KINGDOM 1·5
UNITED STATES 3·1
a Brit. Poss.s ·08
EXPORTS Total 6·2
OTHERS 1·3
GERMANY 1·2
UNITED KINGDOM 1·2
UNITED STATES 2·5
b. Brit. Poss.s ·05
Principal Exports
Coffee 3·1
Bananas 1·5
Gold & Silver ·49
Rubber ·16
Hides & Skins ·13
MEXICO
IMPORTS Total 22·2
OTHER COUNTRIES 2·1
SPAIN ·7
FRANCE 1·7
GERMANY 2·4
UNITED KINGDOM 2·6
UNITED STATES 12·2
a British Possess.s ·19
b. Belgium ·28
c. British Posses.s ·18
d. Spain ·22
EXPORTS Total 26·8
OTHER COUNTRIES 2·3
BELGIUM ·55
FRANCE 1·1
GERMANY 1·9
UNITED KINGDOM 2·8
UNITED STATES 17·8
Principal Imports
Minerals 6·8
Vegetable 3·1
Machinery & 2·6
Textiles 2·5
Animal 1·7
Silver 9·1
Principal Exports
Gold 3·2
Henequen 2·8
Copper & Ore 2·5
Coffee 1·0
All diagrams give Annual Average over 3 years in Millions of £'s sterling.
KEY TO SYMBOLS
Minerals:
Antimony
Coal
Copper
Gold
Lead
Opals
Platinum
Quicksilver
Silver
Sulphur
Tin
Zinc
Manufactures:
Cottons
Distilling
Leather Goods
Pottery
Woollens
Equatorial Scale 1: 11,500,000

MAIL STEAMSHIP LINES TO MEXICO
To | From | Name of Company | Transit in days
Acapulco .. | San Francisco | Pacific Mail S.S. Co. | 8
Manzanillo | " | " | 8
Mazatlan | " | " | 6
Progreso | Cadiz | Compañía Trasatlántica | 21
" | Liverpool | Harrison & Leyland Lines | 25
" | New York | New York & Cuba Mail | 6
Salina Cruz | San Francisco | Pacific Mail S.S. Co. | 12
Tampico | Hamburg | Hamburg Amerika Linie | 25
To | From | Name of Company | Transit in days
Tampico | Liverpool | Harrison & Leyland Lines | 19
" | New York | New York & Cuba Mail | 8
Vera Cruz | Cadiz | Compañía Trasatlántica | 20
" | Hamburg | Hamburg Amerika Linie | 20
" | Liverpool | Harrison & Leyland Lines | 21
" | New York | New York & Cuba Mail | 8
" | St. Nazaire | Cie. Générale Transatlantique | 18
" | Santander | Compañía Trasatlántica | 19
DISTANCES AND TIMES BY TRAIN
From | Stat. Miles | Hrs. min.
Mexico to Chihuahua | 999 | 39.30
" " El Paso | 1224 | 48.50
" " Guadalajara | 381 | 17.20
" " Laredo | 802 | 32.30
" " Manzanillo | 602 | 38.45
" " Monterey | 635 | 25.30
" " Puerto Mexico | 480 | 36.0
" " Salina Cruz | 510 | 35.50
" " Tampico | 603 | 26.40
" " Vera Cruz | 264 | 12.35
Puerto Mexico to Salina Cruz | 188 | 10.30
British Consul General
" Consul
" Vice Consul or Agent
American Consul General
" Consul
" Vice Consul or Agent
Through and other railways
Navigable rivers and canals
Principal regular steamship services
Other steamship routes
551 Distances in nautical miles
Cables D. Docks (C.S.) Coaling Stations
West from 90 Greenwich
Scale for the degrees of Latitude
60 Geographical Miles = 1° of Equator
The London Geographical Institute

CENTRAL AMERICA & WEST INDIES—COMMERCIAL.



MAIL STEAMSHIP LINES to CUBA & JAMAICA

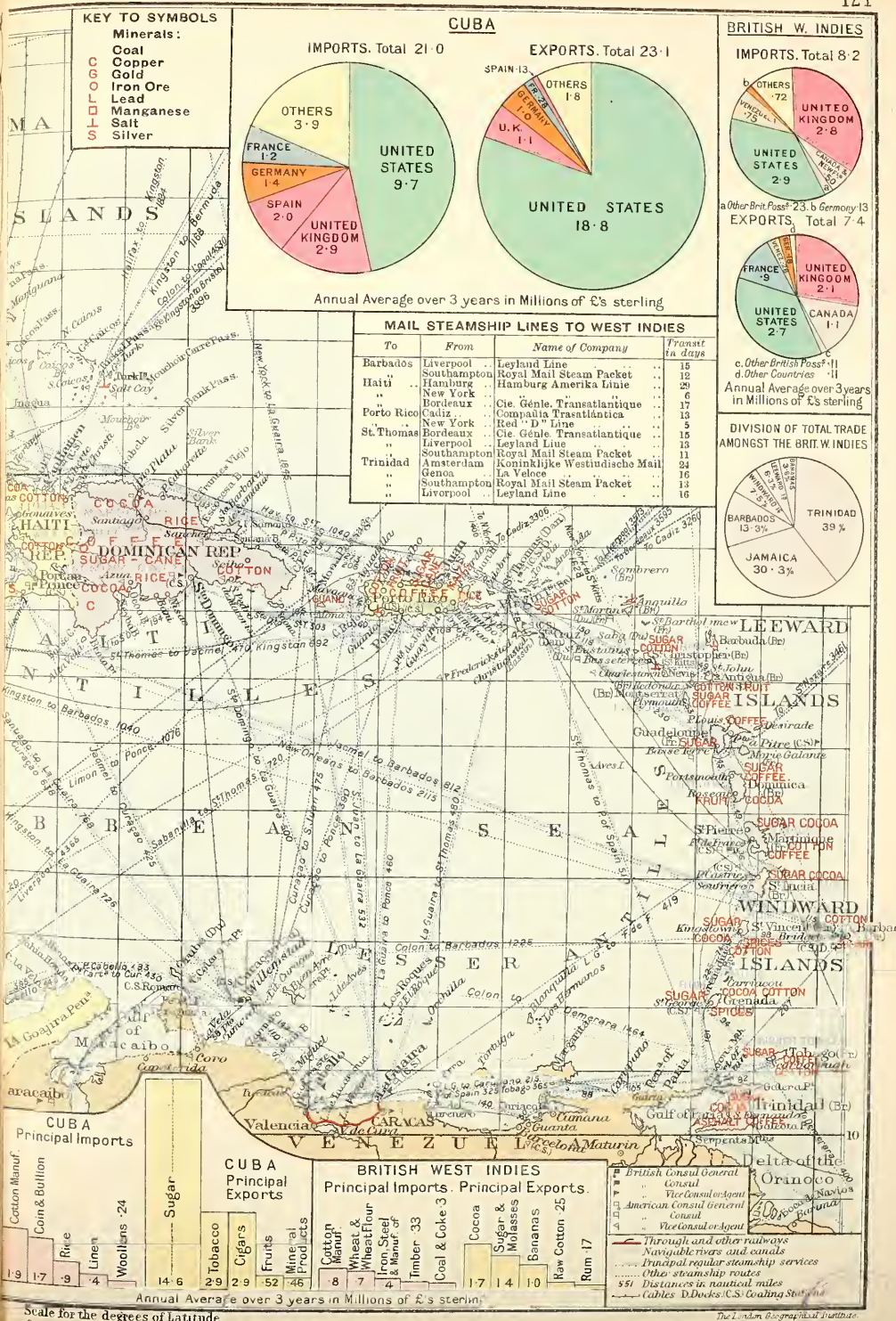
To	From	Name of Company	Transit in days
Cuba	Hamburg	Hamburg Amerika Linie	17
"	New York	New York & Cuba Mail	3½
"	St. Nazaire	Cie. Génle. Transatlantique	15
"	Santander	Compañia Trasatlántica	15
Jamaica	Bristol	Elder & Fyffe's Line	12
"	Hamburg	Hamburg Amerika Linie	25
"	New York	"	5½
"	Philadelphia	American Mail S.S. Co.	4½

MAIL STEAMSHIP LINES to CEN. AMERICA

To	From	Name of Company	Transit in days
Belize	New Orleans	United Fruit Co	3
Colon	Cadiz	Compañia Trasatlántica	26
"	Genoa	La Veloce	26
"	Liverpool	Leyland Line	20
"	New York	Panama Railroad S.S. Co.	7
"	Southampton	Royal Mail Steam Packet	18
Limon	New Orleans	United Fruit Co.	5
"	Southampton	Royal Mail Steam Packet	20
"	Cadiz	Compañia Trasatlántica	25

For Trade Diagrams of the Central American Republics see Map "5."

The Trade Statistics regarding Haiti, San Domingo, and Porto Rico will be found in the Supplementary Tables.



MAIL STEAMSHIP LINES TO WEST INDIES

To	From	Name of Company	Transit in days
Barbados	Liverpool	Leyland Line	15
"	Southampton	Royal Mail Steam Packet	12
Haiti	Hamburg	Hamburg Amerika Linie	28
"	New York	"	6
"	Bordeaux	Cie. Génle. Transatlantique	17
Porto Rico	Cadiz	Compañia Trasatlántica	13
"	New York	Red "D" Line	5
St. Thomas	Bordeaux	Cie. Génle. Transatlantique	15
"	Liverpool	Leyland Line	13
"	Southampton	Royal Mail Steam Packet	11
Trinidad	Amsterdam	Koninklijke Westindische Mail	24
"	Genoa	La Veloce	16
"	Southampton	Royal Mail Steam Packet	13
"	Liverpool	Leyland Line	16

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SOUTH AMERICA—POLITICAL & COMMUNICATIONS.

DISTANCES AND TIMES BY TRAIN

From	Stat. Miles	Hrs.min.
Buenos Aires to Bahia Blanca	404	14.50
" " " Cordova	438	16.15
" " " Rosario	191	4.55
" " " Salta	940	36.15
" " " Valparaiso	908	38.20
Rio de Janeiro to Sao Paulo		
Valparaiso to Concepcion		
" " Santiago		

MAIL STEAMSHIP LINES TO SOUTH AMERICA

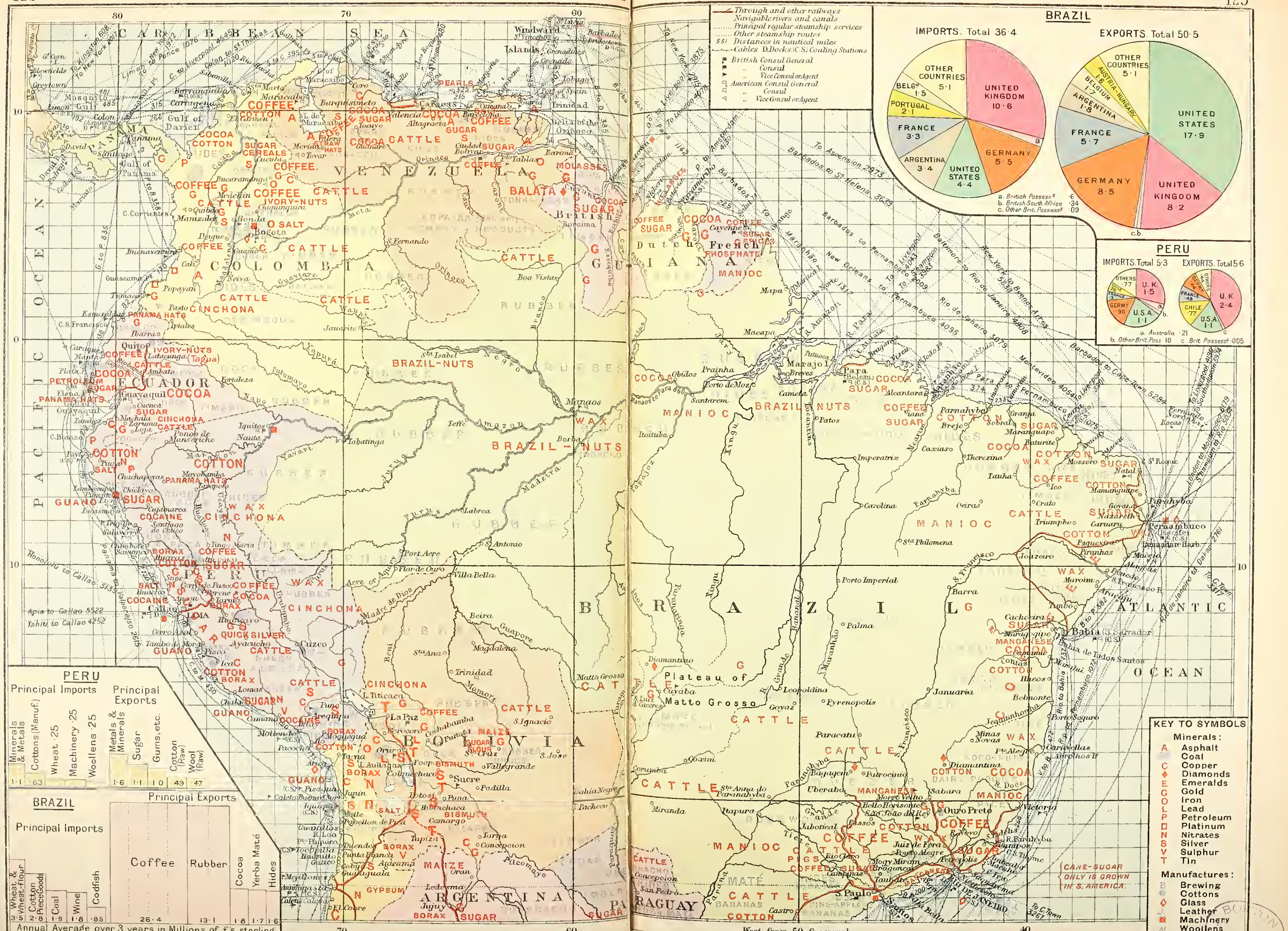
To	From	Name of Company	Transit in days
Bahia	Bordeaux	Messageries Maritimes	15
"	Bremerhaven	Norddeutscher Lloyd	22
"	Southampton	Royal Mail Steam Packet	14
Buenos Aires	Bordeaux	Messageries Maritimes	22
"	Bremen	Deutsche Hansa Linie	27
"	Bremerhaven	Norddeutscher Lloyd	29
"	Cadiz	Compania Trasatlantica	20
"	Genoa	La Veloce and Italian Lloyd	19
"	Hamburg	Hamburg Südamerikanische Linie	21
"	Marseilles	Soc. Génle. de Transports Maritimes	20
"	Southampton	Royal Mail Steam Packet	20
Callao	Hamburg	Kosmos	64
"	Panama	Pacific Steam Nav.	9
"	San Francisco	Kosmos	38
Demerara	Amsterdam	Koninklijke Westindische Mail	21
"	London	Demerara Direct Line	22
Guayaquil	Hamburg	Kosmos	82
"	Panama	Pacific Steam Navigation	4
"	San Francisco	Kosmos	30
La Guaira	Amsterdam	Koninklijke Westindische Mail	27
"	Bordeaux	Cie. Génle Transatlantique	18
"	Hamburg	Hamburg Amerika Linie	24
"	Liverpool	Leyland Line	18
"	New York	Red "D" Line	16
"	Southampton	Royal Mail Steam Packet	18
Manaos	Liverpool	Booth Line	27
Montevideo	Bordeaux	Messageries Maritimes	21
"	Bremen	Deutsche Hansa Linie	27
"	Bremerhaven	Norddeutscher Lloyd	28
"	Cadiz	Compania Trasatlantica	19
"	Genoa	La Veloce and Nav. Genle. Italiana	18
"	Hamburg	Hamburg Südamerikanische Linie	21
"	Liverpool	Pacific Steam Navigation Co.	23
"	Marseilles	Soc. Genle de Transports Maritimes	20
"	Southampton	Royal Mail Steam Packet	21
Para	Liverpool	Booth Line	27
Pernambuco	Hamburg	Hamburg Südamerikanische Linie	18
"	Southampton	Royal Mail Steam Packet	13
Punta Arenas	Hamburg	Kosmos	38
"	Liverpool	Pacific Steam Navigation	29
Rio de Janeiro	Bordeaux	Messageries Maritimes	16
"	Bremerhaven	Norddeutscher Lloyd	25
"	Genoa	Italian Lloyd	14
"	Hamburg	Hamburg Südamerikanische Linie	24
"	Liverpool	Pacific Steam Navigation Co.	19
"	Southampton	Royal Mail Steam Packet	16
"	Wellington	Shaw, Savill and Albion, and New Zealand Shipping Co.	23
Sabanilla	Genoa	La Veloce	23
"	Hamburg	Hamburg Amerika Linie	24
"	Liverpool	Leyland Line	17
"	New York	Hamburg-Amerika Linie	9
"	St. Nazaire	Cie. Génle. Transatantique	18
"	Southampton	Royal Mail Steam Packet	16
Santos	Bordeaux	Messageries Maritimes	18
"	Genoa	Italian Lloyd	15
"	Hamburg	Hamburg Amerika Linie	28
"	Southampton	Royal Mail Steam Packet	18
Valparaiso	Hamburg	Kosmos Line	48
"	Liverpool	Pacific Steam Navigation Co.	38
"	Panama	Pacific Steam Navigation Co.	19
"	San Francisco	Kosmos Line	50

DISTANCES & TIMES BY STEAMER

From	Stat. Miles	Transit in days
Buenos Aires to Pernambuco	2212	8
" " " Valparaiso	2605	11
" " " Rio de Janeiro	1240	4½
Rio de Janeiro to Pernambuco	1072	4
" " " Punta Arenas	2233	9
" " " Valparaiso	3462	15
Valparaiso to Callao	1562	10
" " Punta Arenas	1414	6

Scale 1:25,000,000 (400 miles=1 inch) 0 100 200 300 400 500 Statute Miles

SOUTH AMERICA—COMMERCIAL—NORTH SHEET.



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The Trade Statistics of the other South American States will be found on Map 126/127 or in the Supplementary Tables.
For Mail Steamship Lines running to South American Ports, see Map 122-123

Equatorial Scale 1:20,000,000

Scale for the degrees of Latitude
60 Geographical Miles = 1° of Equator

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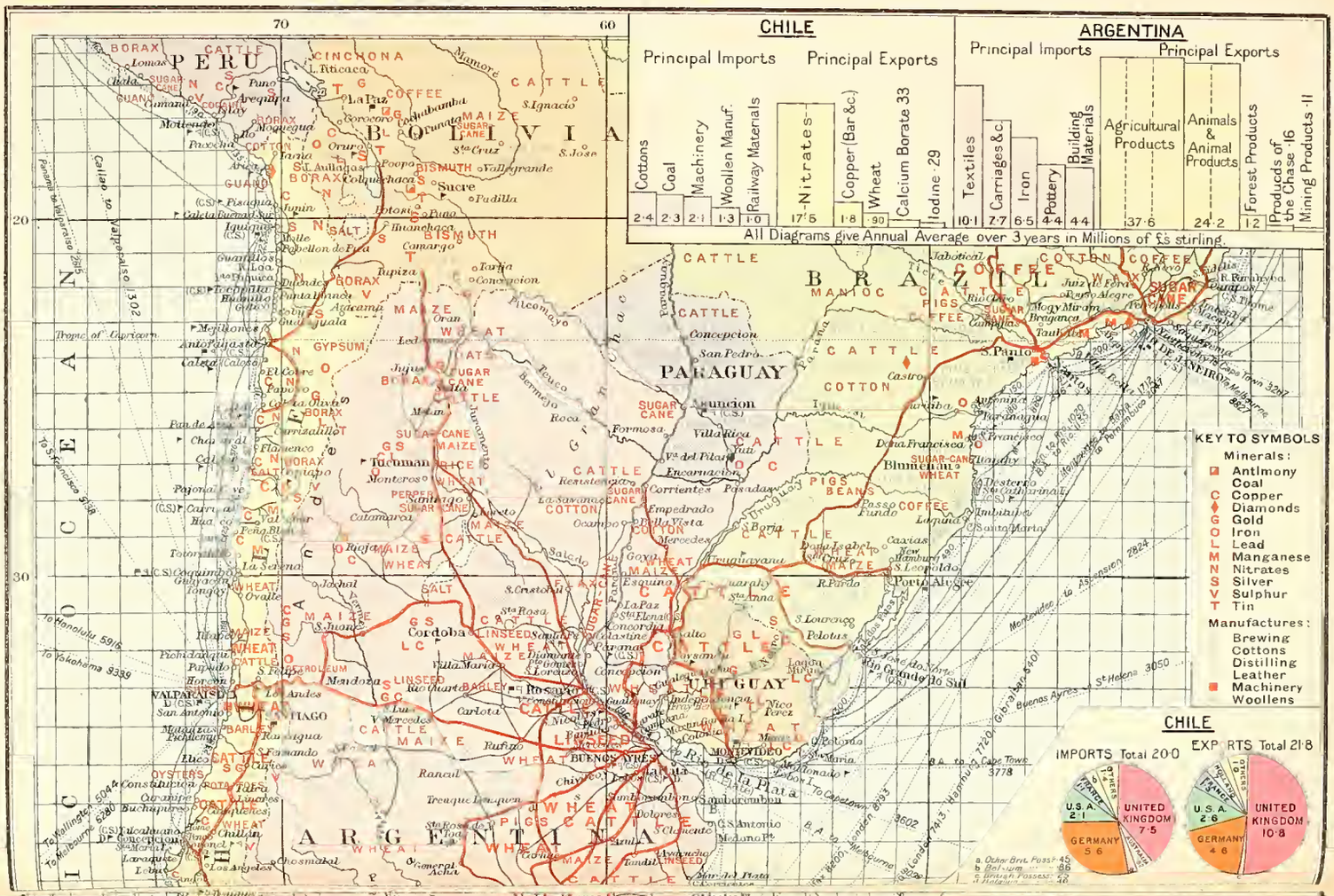
SOUTH AMERICA—COMMERCIAL—SOUTH SHEET.



THE POLAR REGIONS.

SUPPLEMENTARY TRADE TABLES.

COMMERCIAL COMPENDIUM

& GAZETTEER INDEX.

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Thermometric Scales compared	8
Geographical Place-Names as spelt in Various Languages ...	8
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SUPPLEMENTARY TABLE OF THE WORLD'S TRADE.

The figures give the Average Annual Values in £'s sterling for the last three years available—those following the Chief Commodities of Import and Export are in thousands of £'s.

The figures in italics indicate the proportion of trade with the *United Kingdom.*

S. Signifies that the Valnes given are those of *Special Trade*, i.e., *Imports* for *Home Consumption* only (*Re-Exports* being excluded), while the *Exports* are of *Domestic Produce and Manufactures* only.

G. Signifies that the Values given are those of *General Trade*, i.e., *all* Imports and Exports are included.

* Figures exclusive of Specie and Bullion.

† Figures inclusive of Specie and Bullion.

Where no sign appears the information on these points is not definite.

NOTE.—It should be borne in mind that *Imports* have two values—"F.O.B." (free on board) when they *start*, and "C.I.F." or the cost "F.O.B." *plus* insurance and freight, when they arrive.

Consequently *Exports* scheduled in their country of origin with "F.O.B." values are enhanced in value when scheduled at their country of destination as "C.I.F."

This, together with dissimilar methods of classification, accounts for apparent discrepancies in all trade statistics and diagrams.

Country.	Imports	Exports.	Total Trade.	Chief Imports.	Chief Exports.	Nature of Trade
Abyssinia	355,000 *11,548*	374,870 *1,602*	729,870 *13,150*	Cottons 81 ; American Grey Shirting 44 ; Hardware 4.	Coffee 109 ; Hides & Skins 87 ; Ivory 64 ; Wax 37.	S
Afghanistan (*a*)..	768,115 —	620,548 —	1,388,663 —	Cottons, Indigo and other dyes, Sugar and Tea.	Horses and Cattle, Wool, Grain, Fruits, &c.	—
Algeria	17,321,000 *517,000*	12,506,000 *710,000*	29,827,000 *1,227,000*	Cottons 2,088 ; Furniture 759 ; Machinery 724 ; Metalwork 684	Wine 3,290 ; Sheep 1,289 ; Wheat 950 ; Cork 584.	—
Anglo-Egyptian Sudan	1,594,292 —	448,198 —	2,042,490 —	Clothing, Coal, Machinery. Railway Material.	Gum, Ivory, Ostrich Feathers, Cereals, Cotton, Dates.	—
Angola	1,240,791 *602,082*	912,249 *45,452*	2,153,040 *647,534*	—	—	—
Annam	294,080 —	417,541 —	711,621 —	—	—	—
Argentina.....	57,439,301 *19,367,026*	70,637,349 *14,185,597*	128,076,650 *33,552,623*	Textiles 10.092 ; Carriages, &c. 7,735 ; Iron 6,545 ; Pottery 4,430.	Agricultural Produce 37,562 ; Animals and Produce 24,205 ; Forest Produce 1,174.	*
Australia	48,780,248 *29,471,032*	66,078,426 *32,101,712*	114,858,674 *61,572,744*	Metal Manuf. 4 195 ; Apparel &c. 3,422 ; Cottons & Linens 3,405 ; Machinery 2.413.	Wool 24 817 ; Gold—Bullion, Specie and in Matte, 12,871 ; Wheat 4,268.	†
Austria-Hungary	100,572,000 *8,947,062*	98,502,000 *9,640,471*	199,074,000 *18,587,533*	Cotton, Raw, 10,234 ; Coal & Coke 6,917 ; Wool 8,907 ; Silk and Manuf. 4,393.	Wood and Woodwork 13,900 ; Sugar 8,583 ; Eggs 4,805 ; Lignite 3,451.	S *
Basutoland	240,261 —	208,939 —	449,200 —	Blankets, Ploughs, Clothing, Iron and Tinware.	Wheat and Grain 14,079 ; Timber 8,516 ; Wool.	S
Belgium	139,478,031 *17,750,208*	107,674,925 *15,656,923*	247,152,956 *33,407,131*	Wheat and Grain 14.079 ; Timber 8,516 ; Wool 7,728 ; Flax 4,737.	Iron & Steel 8,772 ; Machinery 8,687 ; Coal and Coke 4,593 ; Wheat and Grain 4,092.	S
Belgian Congo ..	976,640 *102,266*	2,140,557 *23,029*	3,117,197 *125,295*	Cottons 279 ; Provisions 123 ; Wines & Spirits 67 ; Clothing 66	Rubber 1,643 ; Ivory 243 ; Palm Nuts 71 ; White Copal 66	S
Bermudas	405,598 *112,468*	169,118 *12,679*	574,716 *125 147*	Animals & Meat 34 ; Beer 17 ; Coal and Coke 17 ; Wheat and Flour 15.	Onions 54 ; Potatoes 22 ; Lily-bulbs 9 ; Arrowroot 1.	G †
Bolivia.....	3,077,735 *334,344*	4,083.168 *268,149*	7,160,903 *602,493*	Iron, Cottons, Woollens, Hardware, Silks.	Tin 2,474 ; Silver 645 ; Rubber 432 ; Copper 113.	—
Brazil	36.407.685 *10,558,127*	50,463.886 *8,173,615*	86,871,571 *18,731,742*	Wheat & Flour 3,498 ; Cottons 2,766 ; Coal 1,876 ; Wines 1,757	Coffee 26,352 ; Rubber 13,093 ; Cocoa 1,783 ; Yerba Maté 1,699	*
British E. Africa	787.427 *282,749*	464.023 *72,983*	1,251,450 *355,732*	Cottons 211 ; Provisions. Wines & Spirits 96 ; Rice. Grain and Flour 82 ; Iron and Steel Wares 30.	Hides and Skins 124 ; Ivory 73 ; Grain 57 ; Rubber 43.	*
British Guiana ..	1,765,038 *941,307*	1,886,275 *774,693*	3,651,313 *1,716,200*	Tissues 260 ; Flour 183 ; Manures 157 ; Machinery 80.	Sugar 1,107 ; Gold, raw, 277 ; Rum 130 ; Balata 79.	G †
British Honduras	501,992 *131,274*	442,591 *88,631*	944,583 *219,905*	Cottons 69 ; Wood & Timber 53 ; Provisions 46 ; Sapodilla Gum 27.	Mahogany 138 ; Sapodilla Gum 120 ; Bananas 25 ; Logwood 24.	G *
British N. Borneo	336,963 —	536,810 —	873,773 —	Rice & Flour 82 ; Cloth 45 ; Provisions 26 ; Opium 15.	Tobacco leaf 299 ; Timber 62 ; Cutch 24 ; Dried Fish and Shellfish 17.	G †
Brit. Somaliland	272,457 *6,043*	221,249 *635*	493,706 *6,678*	Textiles 77 ; Rice 59 ; Dates 31 ; Jowaree Grain 23.	Skins & Hides 133 ; Sheep & Goats 29 ; Ghee 15 ; Gums 7.	G †
British W. Indies	8,219,949 *2,828,225*	7,447,577 *2,053,779*	15,667,526 *4,882,004*	Cottons 777 ; Wheat & Flour 726 ; Iron, Steel & Manuf. 398 ; Timber 334.	Cocoa 1,675 ; Sugar and Molasses 1,384 ; Bananas 988	†
Bulgaria	4,859,687 *849,000*	4,700,000 *600,000*	9,559,687 *1,449,000*	Textiles 1,589 ; Metals and Manuf. 574 ; Machinery, Implements 398 ; Hides, &c. 287	Grain 2,177 ; Animal Produce 526 ; Textiles and Cocoons 283.	G *

(*a*) Trans-frontier trade with India only.

SUPPLEMENTARY TABLE OF THE WORLD'S TRADE—*continued*

Country.	Imports.	Exports.	Total Trade.	Chief Imports.	Chief Exports.	Nature of Trade
Cambodia	166,203 —	44,012 —	210,215 —	—	—	—
Canada	64,861,437 (S) *16,084,726*	54,664,759 (G) *27,487,876*	119,526,196 *43,572,602*	Iron, Steel & Manuf. 10,236; Coal & Coke 5,002; Woollens 3,703; Cotton Goods 2,435.	Wheat 8,343; Wood & Manufactures 8,201; Cheese 4,637; Cattle 2,176.	—
Cape of Good Hope	17,452,145 *10,389,377*	42,708,481 *40,762,564*	60,160,626 *51,151,941*	Textiles and Apparel 4,447; Food, Drinkables, &c. 4,123.	Gold 27,868; Diamonds 7,676; Wool 2,256; Ostrich Feathers 1,653.	G †
Ceylon	8,513,591 *2,151,083*	8,272,382 *4,106,406*	16,785,973 *6,257,489*	Rice & Grain 2,905; Coal & Coke 780; Cottons 594; Salt Fish 239.	Tea 4,659; Coco-nut Produce 1,904; Plumbago 608; Cocoa 221.	S
Chile	19,965,640 *7,540,702*	21,813,295 *10,838,348*	41,778,935 *18,379,050*	Cottons 2,354; Coal 2,282; Machinery 2,122; Woollens 1,306.	Nitrates 17,540; Copper 1,845; Wheat 909; Calcium Borates 333.	S †
China	62,596,190 *11,227,454*	38,255,584 *1,875,658*	100,851,774 *13,103,112*	Cottons 18,499; Opium 4,773; Sugar 4,069; Rice 3,659.	Silk, raw and manuf. 11,839; Tea 4,578; Beans and Bean-cake 2,496.	S *
Cochin China	6,009,350 —	5,466,518 —	11,475,868 —	—	Rice 4,447; Fish & Fish Oils 401; Isinglass 298; Pepper 276	—
Colombia	2,330 387 *988,672*	2,908,267 *293,227*	5,238,654 *1,281,899*	Cotton Goods, Foodstuffs, Petroleum.	Coffee 966; Skins 127; Bananas 72; Rubber 52.	—
Crete	780,873 —	638,235 —	1,519,108 —	Woollens and Cottons 152; Flour 125; Leather Goods 40; Ores and Crude Metals 30.	Olive Oil 231; Raisins 57; Carobs 56; Soap 41.	—
Costa Rica	1,344,756 *303,780*	1,784,876 *784,621*	3,129,632 *1,088,401*	Cottons 181; Railway Materials, Machinery, etc. 152; Flour 71.	Bananas 955; Coffee 547; Gold and Silver Bars 126.	G †
Cuba.....	21,032,798 *2,939,041*	23,135,776 *1,109,663*	44,168,574 *4,048,704*	Cottons 1,856; Coin & Bullion 1,695; Rice 885; Linen 406.	Sugar 14,642; Tobacco 2,893; Cigars 2,851; Fruit 524.	G †
Cyprus	566,139 *168,513*	552,275 *161,295*	1,118,414 *329,808*	Cottons 54; Leather 30; Wood and Timber 28; Oil 26.	Wheat & Flour 68; Wines & Spirits 25; Animals for food 15; Cotton, raw, 11.	*
Dahomey	447,755 —	346,101 —	793,856 —	Cottons, Machinery, Liquors and Tobacco.	Maize, Palm Kernels and Oil, Copra.	—
Denmark	41,257,266 *6,575,118*	32,988,330 *17,407,018*	74,245,596 *23,982,136*	Cereals 5,637; Provisions, Eggs, &c. 5,071; Textiles 4,104; Metals and Hardware 3,748.	Provisions Eggs, &c. 17,814; Animals 2,196; Cereals 547.	G *
Djibuti.....	605,710 *82,676*	826,200 *15,402*	1,431,910 *98,078*	Cottons, Butter, Sugar. Galvanised Iron.	Coffee, Ivory, Hides, and Skins.	G
Dutch E. Indies ..	19,470,568 —	27,905,311 —	47,375,879 —	Cottons 2,498 (*a*); Machinery & Metals 409 (*a*): Manures 287 (*a*); Biscuits, &c. 45 (*a*).	Sugar 9,017; Tobacco 4,963; Copra 2,167; Petroleum 1,833	G †
Dutch Guiana....	548,169 —	418,607 —	966,776 —	—	Gold 131; Sugar, Cocoa.	—
Ecuador.....	1,908,867 *b 662,804*	2,525,532 *b 239,302*	4,434,399 *b 902,106*	Textiles, 498; Foodstuffs, 215; Apparel. 139; Ironware, 119.	Cocoa 1,645; Ivory Nuts 253; Hats 206; Rubber 164.	—
Egypt	25,095,990 *8,029,620*	25,763,410 *13,486,549*	50,859,400 *21,516,169*	Cereals & Vegetables 3,566; Cottons 3,243; Wood, Coal & Canework 3,230; Metals & Manufactures 3,036.	Cotton, raw, 21,240; Cereals & Vegetables 3,264; Tobacco 384; Skins and Leather Goods 176.	S *
Eritrea	394,586 —	97,106 —	491,692 —	Yarn, Timber, Provisions & Cottons.	Pearls 44; Skins 30; Butter 18; Beeswax 10.	G
Fed. Malay States	5,649,000 *426,408*	8,731,000 *36,582*	14,380,000 *462,990*	Rice 1,477; Opium 382; Hardware and Machinery 375; Tobacco 228.	Tin & Tin Ore 4,065; Rubber 650; Copra 66; Gambier 44.	G †
Falkland I.	71,037 *63,568*	231,566 *193,507*	302,603 *257,075*	Provisions, Apparel, Timber, Machinery and Hardware.	Wool 139; Tallow and Whale Oil 10; Hides and Skins 8.	—
Fiji Is.	638,000 *33,503*	788,000 *579*	1,426,000 *34,082*	Metals & Manufactures 129; Drapery 112; Foodstuffs 83; Timber 31.	Sugar 532; Copra 162; Green Fruit 80; Turtle Shell 1·9.	G
Finland	14,086,547 *1,695,403*	10,565,266 *3,325,588*	24,651,813 *5,020,991*	Cereals 3,018; Machinery 905; Iron and Ironware 763; Cotton 563.	Timber 5,518; Paper, Pulp, &c. 1,645; Butter 1,327; Iron and Iron Goods 261.	—
France	239,210,300 *32,318,660*	212,166,600 *51,228,000*	451,376,900 *83,546,660*	Wool 21,300; Coal and Coke 15,753; Raw Cotton 14,527; Raw Silk 14,221.	Cotton Goods 12,501; Silk Goods 12,448; Raw Wool and Yarn 10,237; Woollen Goods 8,875.	S
French Congo....	510,815 —	670,539 —	1,181,354 —	Cottons, Spirits, Ammunition and Tobacco.	Rubber, Ivory, Cocoa, Coffee. Timber.	—
French Guiana ..	509,042 —	445,424 —	954,466 —	—	Gold 428; Cocoa, Phosphates, Timber.	G †
French Guinea ..	705,379 —	647,216 —	1,352,595 —	—	Rubber, Cattle, Ground Nuts Palm Kernels.	—
French Indo China	10,673,300 *94,204*	8,962,300 *385,886*	19,635,600 *480,090*	Cottons, Metal Manuf., Jute bags, Liquors, Machinery.	Rice 4,473; Tin 529; Fish 467; Raw Cotton 436.	—
French W. Africa	2,268,752 *823,315*	1,445,367 *747,225*	3,714,119 *1,570,540*	—	—	—
Gambia	427,919 *172,534*	403,765 *32,743*	831,684 *205,277*	Cottons 80; Kola nuts 36; Tobacco 66; Rice 54.	Ground Nuts 260; Rubber 3	G †
German E. Africa	1,239,828 *36,627*	584,350 *4,766*	1,824,178 *40,393*	Cottons, Rice, Foodstuffs, Hardware.	Vegetable Fibres 106; Rubber 78; Copra 54; Insect Wax 34.	—
German S.W. Africa	1,400,695 —	1,303,000 —	1,630,747 —	Cereals 210; Iron and Iron-work 183; Preserved Meat 167; Beer 130.	Diamonds 965; Copper Ore 238.	—

(*a*) United Kingdom figures only. (*b*) British Empire figures.

Country.	Imports.	Exports.	Total Trade.	Chief Imports.	Chief Exports.	Nature of Trade
Germany	425,315,850 *41,630,730*	334,249,630 *52,088,330*	759,565,480 *93,715,060*	Agric. and Animal Products 240,566; Minerals & Mineral Oils 40,100; Textiles and Wearing Apparel 35,700; Base Metals & Wares 22,800.	Textiles & Wearing Apparel 61,612; Agric. and Animal Prod. 51,331; Base Metals & Wares 51,133; Machinery 30,063.	S †
Gold Coast	2,151,527 *1,210,385*	2,387,752 *1,810,157*	4,539,279 *3,020,542*	Cottons 406; Wines and Spirits 71; Iron and Steel Goods 45; Oil 30.	Gold 1,049; Cocoa (30,000,000 lbs.); Rubber 279; Timber 115.	G †
Greece	5,797,140 *1,152,657*	4,310,089 *1,262,089*	10,117,229 *2,414,746*	Agric. Prod. 1,827; Yarn and Tissues 877; Raw Minerals 483; Forest Prod. 421.	Agric. Produce 2,172; Raw Minerals 877; Oils—Olive, &c. 365; Wines 358.	S †
Guatemala	1,394,447 *290,488*	1,627,869 *188,620*	3,022,316 *479,108*	Cottons 316; Ironware and Machinery 115; Provisions 108; Chemicals & Drugs 44.	Coffee 1,430; Hides & Skins 62; Timber 41; Rubber 38.	—
Haiti	— —	1,720,567 —	— —	Cottons 211; Iron—wrought & unwrought 24; Linens 7 (*a*)	Logwood, Coffee.	—
Hawaii	3,867,064 —	7,552,775 —	11,419,839 —	——	Sugar 7,052; Fruits 848; Coffee 215; Rice 206. §	—
Holland	223,305,500 *25,802,770*	179,916,600 *38,655,000*	403,222,100 *64,457,770*	Cereals & Flour 36,632; Iron & Steel 25,592; Textiles—raw and manul. 12,968; Copper 12,718.	Cereals & Flour 22,065; Iron & Steel 16,605; Textiles—raw and manul. 9,157; Copper 7,548.	S *
Honduras	511,546 *81,025*	461,181 *3,787*	972,727 *84,812*	Cottons, Breadstuffs, Provisions.	Bananas 181; Ores 99; Bar Silver 37; Cattle 26.	—
India	89,765,518 *52,191,449*	116,624,150 *28,424,705*	206,389,668 *80,616,154*	Cottons 28,217; Metals 8,052; Sugar 6,416; Machinery 4,220	Raw Cotton 14,999; Raw Jute 14,366; Rice 12,169; Manufactured Jute 10,973.	S *
Italy	97,443,943 *19,486,923*	74,454,300 *5,548,768*	171,899,243 *25,035,691*	Raw Cotton 10,352; Coal & Coke 9,100; Boilers & Machinery 8,900; Wheat 7,100.	Raw Silk 20,000; Cotton Tissues 3,600; Silk Tissues 3,500; Olive Oil 2,500.	S
Italian Somaliland	89,649 —	51,514 —	141,163 —	Cottons, Yarn, Timber, Provisions.	Butter, Timber, Hides, and Durra.	—
Ivory Coast	564,289 —	370,924 —	935,213 —	——	Rubber, Coffee, Maize, and Fruits.	—
Japan	46,691,148 *11,249,826*	42,757,501 *2,447,975*	89,448,649 *13,697,301*	Raw Cotton 9,760; Iron and Steel 3,360; Rice 2,719; Sugar 2,151.	Raw Silk 11,430; Silk Manul. 3,674; Cotton Yarn 2,939; Copper 2,284.	S *
Kaiser Wilhelml'd & Bismarck Arch.	160,213 —	85,209 —	245,422 —	——	Mostly Copra.	—
Kamerun	764,450 —	623,350 —	1,387,800 —	Textiles, Spirits, Timber, Salt, Ironware.	Rubber 285; Palm Kernels 148; Cocoa 109; Palm Oil 54.	—
Liberia	154,941 *73,907*	140,274 *69,092*	295,215 *142,999*	(*b*) Cottons 29; Iron 4; Provisions 3; Wood 2.	(*b*) Piassava Fibre 34; Palm Oil 17; Rubber 16; Palm Kernels 9.	—
Madagascar	1,224,317 *26,077*	1,055,237 *40,340*	2,279,554 *66,417*	Tissues 475; Liquors 129; Metal wares 119; Coal, Stone, &c. 40.	Gold 338; Hides 182; Rubber 153; Rafia 76.	G *
Mauritius	2,047,446 *524,035*	2,600,553 *298,257*	4,647,999 *822,292*	Iron & Steel Goods & Machinery 98; Cottons 88; Wheat and Flour 69; Manures 69.	Sugar 2,314; Aloe Fibre 50; Molasses 27; Vanilla 9.	G †
Mexico	22,166,000 *2,603,000*	26,844,000 *2,813,000*	49,010,000 *5,416,000*	Mineral 6,751; Vegetable 3,145; Machinery 2,631; Textiles 2,477.	Silver 9,144; Gold 3,249; Henequen 2,824; Copper & Ore 2,539.	G †
Montenegro	232,700 *4,100*	69,300 —	301,000 *4,100*	Provisions, Salt, Petroleum, Cottons, Hardware.	Animals & Animal Products, Sumach, Oils, Wines.	—
Morocco	2,803,600 *1,090,219*	1,676,526 *403,819*	4,480,126 *1,494,038*	Cottons 908; Sugar 564; Tea 203; Flour & Semolina 181.	Hides & Skins 382; Barley 332; Oxen 220; Eggs 158.	—
Natal	c 7,959,002 *3,881,375*	c 2,927,570 *1,670,217*	c10,886,572 *5,551,592*	Machinery 618; Haberdashery 616; Apparel 352; Corn and Grain 346.	Gold bars 1,120; Wool 611; Coal—bunker and cargo 589; Hides and Skins 126.	—
New Caledonia	376,445 —	380,607 —	757,052 —	Wine, Coal, Flour and Rice.	Minerals 277; Coffee beans 20; Copra 12.	—
Newfoundland	2,280,368 *547,209*	2,356,372 *338,346*	4,636,740 *885,555*	Flour 349; Textiles 336; Coal 119; Hardware 106.	Dried Cod 1,614; Iron Ore 229; Cod and Seal Oil 148; Tinned Lobsters 81.	G †
New Zealand	16,661,849 *9,907,695*	18,160,529 *14,574,819*	34,822,378 *24,482,514*	Clothing & Materials for, 3,619; Iron and Steel Goods, Machinery 3,215; Paper, Books & Stationery 654; Sugar 538.	Wool 6,585; Frozen Meat 3,162; Gold—exclud. specie 2,101; Butter & Cheese 2,046	G *
Nicaragua	686,184 *156,107*	808,136 *83,367*	1,494,320 *239,474*	Cottons 110 (*b*); Iron, Steel & Manuf. 11 (*b*); Woollens 8 (*b*); Sacks 5 (*b*).	Coffee 300; Gold 156; Bananas 102; Rubber 88.	—
Norway	19,631,300 *5,460,156*	12,848,626 *5,226,120*	32,479,926 *10,686,276*	Breadstuffs 3,414; Vessels, Carriages & Machinery 2,350; Minerals, unwrought 2,268; Textiles 1,547.	Timber and Wooden Goods 4,017; Animal Prod. 3,835; Paper & Paper Manul. 934; Hair, Skins, &c. 501.	G †
Nyasaland	184,430 *115,824*	80,498 *54,693*	264,928 *170,517*	Soft Goods 84; Provisions 19; Hardware 13; Railway Material 13.	Cotton 19; Coffee 15; Tobacco 10; Ivory 6; Rubber 4	†
Orange Free State	3,492,985 *1,356,661*	3,552,918 —	7,045,903 —	——	Merchandise 2,318; Diamonds 912; Specie 212.	S †
Panama	d 1,648,290 *358,322*	275,714 *5,917*	1,924,004 *364,239*	Manufactured Goods and Foodstuffs.	Bananas 125; Rubber 22; Mother of Pearl, Hides & Skins	—
Papua	92,172 —	74,688 —	166,860 —	Foodstuffs 33; Drapery and Clothing 11; Hardware and Ironmongery 9; Tobacco 8.	Gold 53; Copra 13; Bêche-de-mer, Pearl & Turtle-shell 4; Sandalwood 3.	—
Paraguay	1,213,176 *89,317*	653,289 —	1,866,465 —	Textiles 214; Foodstuffs 180.	Hides 233; Timber 180; Yerba Maté 114; Tobacco 110.	—
Persia	7,667,053 e *2,858,308*	6,296,304 e *678,537*	13,963,357 e *3,536,845*	Cottons 2,667; Sugar 2,011; Tea 424; Woollens 205.	Fruits 935; Raw Cotton 849; Woollen Carpets 738; Fish 494	G

(*a*) Imports from United Kingdom only. § United States figures only. (*b*) United Kingdom Trade only. (*c*) Imports and Exports by sea only, and exclusive of Specie. (*d*) Exclusive of Canal materials. (*e*) British Empire figures

SUPPLEMENTARY TABLE OF THE WORLD'S TRADE—*continued*

Country.	Imports.	Exports.	Total Trade.	Chief Imports.	Chief Exports.	Nature of Trade
Peru	5,269,819 *1,490,651*	5,637,337 *2,393,863*	10,907,156 *3,884,514*	Minerals and Metals 1,094; Cottons 629; Wheat 254; Machinery 251.	Metals and Minerals 1,596; Sugar 1,121; Gums, &c. 996; Raw Cottton 494.	S †
Philippine Is.	5,993,739 *1,217,409*	6,679,670 *1,563,078*	12,673,409 *2,780,487*	Cottons 1,600; Rice 850; Iron & Steel Manuf. 460; Wheat, Flour 210.	Hemp 3,800; Copra 1,100; Sugar 900; Tobacco Leaf 340	G
Porto Rico	5,317,751 *65,099*	5,520,121 —	10,837,872 —	—	Sugar 3,463; Coffee 869; Tobacco, Fruits.	G
Portugal	14,008,233 *3,960,420*	6,627,111 *1,624,322*	20,635,344 *5,584,742*	Iron, Steel and Manuf. 980; Coal 895; Raw Cotton 890; Wheat 818.	Wine 2,216; Cork 924; Fish 518; Fruit and Vegetables 325.	S
Port. E Africa Transit Trade with U.K	S 1,649,156 G *2,466,460*	S 1,133,177 G *392,879*	S 2,782,333 G *2,859,339*	Ironwork 791 (*a*); Cottons 177 (*a*).	Rubber 29 (*a*).	—
Rumania	16,889,200 *2,634,000*	18,989,800 *2,369,600*	35,879,000 *5,003,600*	Textiles 5,006; Metals & Manuf 4,226; Chemicals, Drugs 674; Hides, Leather, &c. 520.	Cereals 12,648; Wood 1,044; Mineral Fuel 803; Animals and Animal Produce 518.	G
Russia Exclusive of Finland	73,053,700 *11,952,241*	103,290,063 *23,748,203*	176,343,763 *35,730,444*	Raw Cotton 10,000; Machinery 8,600; Metal Goods 3,800; Leather, Skins, Hides 3,700.	Corn, Flour and Buckwheat 54,700; Timber Wooden Goods 12,100; Flax 7,000; Eggs 6,000	—
Sto. Domingo	997,673 *159,342*	1,569,777 *67,979*	2,567,450 *227,321*	Cottons 247; Iron and Steel Goods 117; Rice 86; Provisions 57.	Cocoa 652; Sugar 581; Tobacco leaf 218; Bananas 61.	—
Salvador	811,299 *289,173*	1,280,630 *99,019*	2,091,920 *388,192*	Cottons 179 (*a*); Sacks 21 (*a*); Iron 11 (*a*); Woollens 11 (*a*).	Coffee 865; Gold 169; Other Minerals 85; Sugar 40.	—
Sarawak	538,860 —	736,517 —	1,275,377 —	Rice 103: Cotton Goods 80; Tobacco 46; Opium 17.	Pepper 165; Gold 126: Sago Flour 125.	G †
Servia	2,540,623 *314,487*	3,047,925 *39,000*	5,588,548 *353,487*	Cotton Tissues 242; Cotton Yarn 221; Hides 131; Woollens 107.	Prunes 509; Wheat 442; Maize 292; Barley 162.	S *
Seychelles	75,931 *23,482*	105,039 *22,069*	180,970 *45,551*	Cottons 7; Wines & Spirits 4; Haberdashery 3; Sugar 3.	Coco-nut Products 42; Vanilla 30.	G *
Siam	5,777,300 *921,500*	7,822,100 *328,300*	13,599,400 *1,249,800*	Cottons 973; Iron, Steel and Machinery 350; Silk Goods 236; Gunny Bags 223.	Rice 5,693; Teak 896; Marine Produce 144; Hides 96.	—
Sierra Leone	895,857 *645,777*	761,545 *207,932*	1,657,402 *853,709*	Cottons 235; Spirits 60; Tobacco 48.	Palm Kernels 370; Kola Nuts 109; Palm Oil 38; Rubber 21	G †
Southern Nigeria Including Northern Nigeria Protectorate	3,950,669 *2,976,601*	3,587,803 *1,835,140*	7,538,472 *4,811,741*	Cottons 941; Spirits 333; Hardware & Machinery 179; Railway Material 153.	Palm Kernels 1,408; Palm Oil 1,157; Rubber 217; Raw Cotton 64.	†
South. Rhodesia	1,674,592 —	2,395,521 —	4,070,113 —	Manufs. (unclassified) 534; Textiles & Wearing Apparel 422; Food and Drink 419; Machinery (not including locomotives) 184.	Raw Gold and Concentrates 2,578; Chrome Ore 68; Tungsten and other ores 21; Tobacco and Cigarettes 19.	—
Spain	39,738,655 *6,917,944*	36,786,441 *11,958,306*	76,525,096 *18,876,250*	Grain, Sugar, Wine, &c. 6,400; Cotton & Manuf. 5,800; Drugs & Chemicals 4,600; Stone, Minerals, Glass & Pottery 4,100	Grain, Sugar, &c. 9,300; Stone, Minerals, Glass and Pottery 6,800; Metals and Manuf. 6,100; Wine 3,100.	S *
Straits Settlements (*b*)	39,132,900 *4,747,754*	34,616,000 *9'172,263*	73,748,900 *13,920,017*	Rice 3,434; Cottons 1,390; Opium 975; Fish 805.	Tin 7,860; Spices 1,459; Gums 1,398; Copra 854.	—
Sweden	35,341,053 *8,949,148*	27,391,835 *9,435,033*	62,732,888 *18,384,181*	Minerals—mostly Coal 4,813; Metal Goods and Machinery 4,579; Raw Textiles & Yarn 3,288; Corn & Flour 2,972.	Timber, Raw & Manuf. 12,644; Metals, raw & partly wrought 3,024; Animals & Prod. 2,862; Goods & Machinery 2,452.	S *
Switzerland	61,366,926 *3,814,515*	43,164,320 *7,197,965*	104,531,246 *11,012,480*	Silk Goods 7,576; Cereals 7,046; Cottons 4,759; Minerals 4,302.	Silk Goods 10,841; Cotton Goods 8,814; Animal Food Prod. 3,935; Machinery 3,001	S *
Togo	362,000 —	246,825 —	608,825 —	Cottons 91; Spirits 25; Iron and Ironware 19.	Maize 61; Rubber 47; Palm Kernels 44; Palm Oil 18.	—
Tongking	2,375,427 —	2,397,178 —	4 772,605 —	—	—	—
Transvaal	16,551,623 —	30,252,042 *95 p.c. U.K*	46,803,665 —	Cattle, etc. 1,392; Machinery 1,389; Apparel 1,344; Chemical & Dynamite 1,190.	Gold 29,214; Diamonds 1,830; Wool 254; Horses and Mules 139.	S †
Tripoli	445,100 *Abt. 33 p.c.*	377,400 *Abt. 50 p.c.*	822,500 —	—	—	—
Tunis	4,203,100 *383,600*	3,708,100 *486,800*	7,911,200 *870,400*	Iron, Steel & Hardware 498; Cottons 388; Flour 333; Machinery 332.	Phosphates 1,051; Olive Oil 323; Barley 315; Wheat 163.	G *
Turkey (in Europe and Asia)	28,514,565 *9,992,546*	17,883,970 *5,755,619*	46,398,535 *15,748,165*	Cottons 4,000; Sugar 2,600; Grain & Flour 1,600; Cloth 1,500.	Raw Silk and Cocoons 2,900; Grapes 2,300; Grain & Flour 1,900; Mohair 1,000.	G
Uganda	398,090 *159,819*	192,758 *47,338*	590,848 *207,157*	Textiles 128; Ivory 37; Provisions 25; Hardware 17.	Raw Cotton 51; Ivory 47; Hides & Skins 41; Rubber 12	G †
United Kingdom	615,549,976 (G) —	392,904,748 (S) (*c*) —	1,008,454,724 —	Grain & Flour 72,008; Raw Cotton 60,681; Dead Meat 41,825; Raw Wool 28,979.	Cottons & Cotton Yarn 101,408; Iron, Steel & Manuf. 41,277; Coal & Coke 38,413; Woollens, Worsted & Yarn 31,464.	*
United States	269,998,247 *44,183,580*	364,832,875 *116,648,229*	634,831,122 *160,831,809*	Sugar 18,399; Chemicals, Drugs & Dyes 16,069; Coffee 15,413; Hides & Skins 14,826	Raw Cotton 91,538; Meat & Dairy Prod. 38,474; Breadstuffs 38,309; Iron and Steel Manuf. 34,963.	S *
Uruguay	7,340,341 *2,126,769*	7,505,923 *385,336*	14,846,264 *2,512,105*	Raw and Manuf. Materials 2,361; Soft Goods 1,771; Foodstuffs 1,471; Beverages 385.	Animal Produce 6,489; Live Stock 239; Mineral Produce 169; Agricultural Prod. 103.	S *
Venezuela	2,065 328 *743,153*	3,173,857 *270,618*	5,239,185 *1,013,771*	Cotton Drill 162; Cotton Prints 133.	Coffee 1,465; Cocoa 689; Balata 229; Cattle 214.	—
Zanzibar and Pemba	1,030,557 *169,787*	1,007,298 *114,252*	2,037,855 *284,039*	Piece Goods 248; Rice 178; Ivory 46; Groceries 46	Cloves 339; Piece Goods 163; Copra 125; Ivory 52.	G †

(*a*) United Kingdom figures only (G). (*b*) Figures exclude Inter-settlement trade.
(*c*) Re-exports averaged over the same period £86,600,000 annually. The Annual Imports and Exports of Bullion and Specie were as follows:—Imports £64,292,000, Exports £64,174,000.

METRIC WEIGHTS AND MEASURES WITH THEIR BRITISH EQUIVALENTS.

A Table of Foreign Coins with their British equivalents will be found on Map 10.

Measures of Length.

10 millimetres (*mm.*)	= 1 centimetre (*cm*)	= 0·3937 inch.
10 centimetres ..	= 1 decimetre (*dm*)	= 0·328084 foot.
10 decimetres ..	= 1 METRE (*m*) ..	= 1·093614 yard.
10 metres	= 1 dekametre (*dam*)	= 1·9884 poles.
10 dekametres ..	= 1 hectometre (*hm.*)	= 0·4971 furlong.
10 hectometres ..	= 1 kilometre (*km.*)	= 0·6214 mile.

Measures of Weight.

10 milligrams (*mg.*)	= 1 centigram (*cg.*)	= 0·1543 grain.
10 centigrams ..	= 1 decigram (*dg.*)	= 1·5432 grain.
10 decigrams ..	= 1 gramme (*gm.*)	= 15·4323 grain.
10 grammes ..	= 1 dekagram (*dag.*)	= 5·6438 drams.
10 dekagrams ..	= 1 hectogram (*hg.*)	= 3·5274 oz.
10 hectograms ..	= 1 KILOGRAM (*kg.*)	= 2·204622 lb.
10 kilograms ..	= 1 myriagram ..	= 1·5747 stones.
10 myriagrams ..	= 1 quintil (*q.*) ..	= 1·9684 cwt.
10 quintals ..	= 1 tonne (*t.*) ..	= 0·9842 ton.

Measures of Capacity.

10 millilitres (*mil.*)	= 1 centilitre (*cl.*)	= 0·0704 gill.
10 centilitres ..	= 1 decilitre (*dl.*)	= 0·1759 pint.
10 decilitres ..	= 1 LITRE (*lit.*) ..	= 0·8799 quart.
10 litres	= 1 dekalitre (*dal.*)	= 2·1997 galls.
10 dekalitres ..	= 1 hectolitre (*hl.*)	= 2·7497 bushels.

Measures of Land.

100 sq. metres ..	= 1 are (*a.*) ..	= 0·0988 rood.
100 ares	= 1 hectare (*ha.*)	= 2·4711 acres.

The Metric System of Weights and Measures has been adopted by the following Countries, viz:—

Adopted.—Argentina, Austria, Belgium, Brazil, Bulgaria, France, Germany, Hungary, Malta, Mexico, Montenegro, Netherlands, Norway, Portugal, Roumania, Servia, Sweden, Switzerland, Uruguay.

Partially Adopted.—Chile, Colombia, Costa Rica, Denmark, Ecuador, Egypt, Greece, Guatemala, Honduras, Italy, Japan, Nicaragua, Peru, Russia, Salvador, Siam, Spain, Turkey, United States, Venezuela.

Other Foreign Weights and Measures with their British Equivalents.

Brazil.

1 Pollegada (12 Linha)	=	1·093 inches.
1 Pe (12 Pollegada)	=	13·123 inches.
1 Covado	=	26·247 inches.
1 Vara	=	1·215 yards.
1 Braca	=	2·430 yards.
1 Estadio	=	285·2 5 yards.
1 Milha	=	1·296 miles.
1 Legoa	=	3·889 miles.
1 square Vara	=	1·470 sq. yards.
1 sq. Braça	=	5·906 sq. yards.
1 Geira	=	1 4 6 acres.
1 Oitavo	=	·380 gallon.
1 Alqueira (Bahia)	=	·825 bushel.
1 Alqueira (Rio)	=	1·1004 bushels.
1 Fanga	=	1·523 bushels.
1 Quartilho	=	·614 pint.
1 Canada (Rio)	=	2·44 quarts.
1 Almuda	=	3·684 gallons.
1 Oitavo	=	55 335 Tr. Grains
1 Onca	=	442·087 Tr. Grains
1 Arratel	=	1·0118 lb. av.
1 Arroba	=	32·379 lb. av.
1 Quintal (100 Arratel)	=	101·186 lb. av.

And the Metrical System.

Bulgaria.

As Turkish (*q.v.*). The Metric System is also used.

Burma.

As Indian (*q v*); and,

1 Pulgat	=	1·0 inch.
1 Taim, or Maik (8 Tht)	=	5·5 inches.
1 Toung or Saading (4 Taim)	=	22·0 inches.
1 Lan (4 Toung)	=	88·0 inches.
1 Tha (7 Toung)	=	154·0 inches.
1 Okethapah	=	85·56 yards.
1 Tain	=	1069·44 yards.
1 Dun (4 Tain)	=	2·430 miles.
1 Uzena	=	15·555 miles.
1 Lamyet	=	1·0 gill.
1 Saiay	=	1·0 pint.
1 Sah	=	1·0 gallon.
1 Saik	=	1·0 peck.
1 Teng	=	1·0 bushel.
1 Coyan (100 Teng)	=	12·5 quarters.
1 Large Ruay	=	3·937 Tr. gr.
1 Bai, or Anna	=	15·75 Tr. gr.
1 Moo	=	31·5 Tr. gr.
1 Mat	=	63·0 Tr. gr.
1 Tikal, or Kyat	=	252·0 Tr. gr.
1 Viss, or Piakthah	=	3·6 lb. av.

Chile.

The Metric System, and,

1 Vara (3 Pie)	=	33·367 inches.
1 Cuadra	=	3·9 acres.
1 Arroba (wine)	=	7 749 gallons.
1 Quintal (100 Libra)	=	101·42 lb. av.

Also as old Spanish (*q.v.*).

China.

1 Ts'un (10 Fan)	=	1·41 inches.
1 Ch'ih (10 Ts'un)	=	14·1 inches.
1 Chang (10 Ch'ih)	=	141·0 inches.
1 Yin (10 Chang)	=	117·5 feet.
5 Ch'in	=	1·0 Kung.
2 Kung	=	1·0 Chang.
1 sq. Chang (1 Ching)	=	1211·0 sq. feet.
15 Ching (1 Chüo)	=	1815·0 sq. feet.
4 Chüo (1 Mou)	=	7260·0 sq. feet.
100 Muo (1 Ch'ing)	=	72600·0 sq. feet.
1 Ho	=	2·0 pints.
1 Shêng (10 Ho)	=	*circ.* 20 pints.
1 Tou (10 Shêng)	=	*circ.* 100 pints.
1 Tael, or Liang	=	1·333 oz. av.
1 Chin, or Chitty (16 Tael)	=	1·333 lb. av.
1 Picul, or Tan (100 Chin)	=	133·333 lb. av.

British weights and measures also are used at Hong-Kong and other Treaty Ports.

Denmark.

1 Tomme (12 Linie)	=	1·029 inches
1 Fod (12 Tomme)	=	1·029 feet.
1 Alen (2 Fod)	=	2 0 9 feet.
1 Favn (3 Alen)	=	6·178 feet.
1 Rode (2 Favn)	=	12·356 feet.
1 Mil (2000 Rode)	=	4·680 miles.
1 square Fod	=	1·060 sq. feet.
1 square Rode	=	16·965 sq. yards
1 Tonde	=	1·363 acres.
1 Pæg-e	=	·4247 pint.
1 Flaske (3 Pægle)	=	1·2743 pints.
1 Pot (3 Pæg e)	=	1·6991 pints.
1 Kande	=	3·398 pints.
1 Viertel (4 Kande)	=	1·6991 gallons.
1 Anker	=	8·0709 gallons.
1 Tonde (136 Pot)	=	28·885 gallons
1 Oxehoved	=	48·4 5 gallons.
1 Fad	=	193·702 gallons.
1 Skeppe	=	·4778 bushel.
1 Fjerdingkar	=	·9557 bushel.
1 Tonde	=	3·823 bushels.
1 Læst	=	45 876 bushels.
1 Pfund	=	16·00 Tr. oz.
1 Centner	=	100·21 lb. av.

Dutch Indies.—*Java.*

1 Duim	=	1·3 inches.
1 Foot	=	12·36 inches.
1 Ell	=	27·082 inches.
1 Djong (4 Bahu)	=	7·0149 acres.
1 Sack	=	61·034 lb. av.
1 Pecul (2 Sack)	=	122·068 lb. av.
1 Timbang (5 Pecul)	=	610·340 lb. av.
1 Coyan (10 Pecul)	=	3662·042 lb. av.
1 Kan	=	·328 gallon.
1 Leager	=	127·337 gallons.
1 Tue	=	·0848 lb. av.
1 Catty (16 Tael)	=	1·356 lb. av.
1 Pecul (weight)	=	135·631 lb. av.
1 Large Bahar	=	1831·021 lb. av.
Commercial Pound	=	7576 Tr. grains.

Sumatra.

1 Tempo	=	4·5 inches.
1 Junkal	=	9·0 inches.
1 Etto	=	18·0 inches.
1 Hailoh	=	1·0 yard.
1 Tung	=	4·0 yards.

And as in Netherlands.

Ecuador.

Metric since 1857, and as old Spanish (*q.v*).

Egypt.

1 Kirat	=	1·125 inches.
1 Ruh (6 Kirat)	=	6·75 inches.
1 Draâ, or Pike	=	27·0 inches.
1 Draâ Istambuli	=	26·654 inches.
1 Draâ Belendi	=	22·736 inches.
1 Endasch	=	25·134 inches.
1 Pike Nili	=	21·287 inches.
1 Nubian Draâ	=	26·654 inches.
1 Gasab	=	3·0 yards.
1 Feddan (400 sq. Gasab)	=	1·1019 acres.
1 Ardeb (Alexandria)	=	7·4457 bushels.
1 Ardeb (Cairo)	=	4·9746 bushels.
1 Ardeb (Rosetta)	=	7·8131 bushels.
1 Ardeb (Nubia)	=	5·0069 bu hels.
1 Mörhi (12 Maud)	=	7·703 bushels.
1 Dirhem	=	47·661 Tr. gr.
1 Uckieh (12 Dirhem)	=	571·938 Tr. gr.
1 Rottolo (12 Uckieh)	=	·9804 lb. av.
1 Cantar (100 Rottoli)	=	98·016 lb. av.
1 Oka (400 Dirhem)	=	2·723 lb. av.
1 Trade Oka (420 Dirhem)	=	2·859 lb. av.
1 Kirat (jewels)	=	2·9788 Tr. gr.
1 Metikal	=	71·492 Tr gr.

Greece.

The Metric System was introduced by an ordinance of Oct. 26, 1832. In Greece, gramme = millimeter; daktylos = centimeter; pa ame = decimeter; pecheus = meter; stadion = kilometer; skionis = myriameter; stremma = are; kybos = milliliter; mystron = centiliter; kotyle = deciliter; litra = liter; koilon = hectoliter; kokkos = centigram; obolos = decigram; drachme = gram; inna = 1½ kilogram

Hayti, as in France.

India.—*Bengal.*

Under "The Indian Weights and Measures Act, 1870," the standard of Weight is the Ser (kilogramme) = 2·20462 lb. av.; the standard of length is the mètre = 3·280899 feet; and the standard of capacity is the Ser (litre) = 1·760773 pints, or 61·027046 cubit inches.

1 Moot (4 Unguiee)	=	3 inches.
1 Hâth (21 Unguiee)	=	18 inches.
1 Hyderabad Hâth	=	35 334 inches
1 Guz	=	1 yard.
1 Coss	=	2000 yards.
1 Jojun	=	8000 yards.
1 Beegah	=	1600 sq. yards.
1 Beegah (N.W. Provs.)	=	3025 sq. yards.
1 Ser	=	2·20462 lb. av.
1 Ser	=	1·76195 pints.

Bombay.

1 Guz (24 Tussoo)	=	27 inches.
1 Beegah (20 Pund)	=	3927 sq. yards.
1 Seer (72 Tank)	=	7 lb av.
1 Maund	=	28 lb. av.
1 Candy	=	560 lb. av.
1 Sattara Candy	=	3055 lb. av.

Madras.

English Measures, and

1 Kole or Guz	=	33 inches.
1 Moolum	=	19½ inches.
1 Puddee	=	2·8851 pints.
1 Mercal	=	2·8852 gallons.
1 Parah	=	14·4261 gallons.

Japan.

1 Bu (10 Ring)	=	·1193 inch
1 Sun (10 Bu)	=	1·1931 inches.
1 Shaku (10 Sun)	=	11·931 inches.
1 Ken (6 Shaku)	=	5·965 feet.
1 Jo (10 Shaku)	=	3·314 yards.
1 Cho (60 Ken)	=	119·305 yards.
1 Ri (36 Cho)	=	2·44034 miles.
1 Kujirad Shaku	=	14·913 inches.
1 Cho	=	2·4507204 acres.
1 Tan	=	32·211526 sq. poles.
1 Se	=	118·61486 sq. yd.
1 Tsubo	=	3·9538289 sq. yd.
1 Shaku	=	·988457·3 sq. ft.
1 Sai (10 Sai)	=	·003176 pint.
1 Shaku (10 Sun)	=	·03176271 pint.
1 Gô (10 Shaku)	=	·3176271 pint.
1 Shô (10 Gô)	=	3·176271 pints.
1 To (10 Shô)	=	3·703189 gallons.
1 Koku (10 To)	=	4·9529237 bushels,
1 Fun (10 Rin)	=	5·797 Tr. grains
1 Momme (10 Fun)	=	57·97 Tr. grains.
1 Rin (10 Mo)	=	0·5797 Tr grains

Mexico.

As old Spanish (*q v.*).

Netherlands.

Since 1820 the Metric System Streep = millimeter; Duim = centimeter; Palm = decimetre; El = m ter; Roede = decameter; Mijle = kilometer; Wisse = Stere; Vingerhoed = centiliter; Maatje = deciliter; Kan = liter; Vat = hectoliter; Korrel = de igram; Wigtje = gram; Lood = decagram; Onze = hectogram; Pond = kilogram.

Metric Weights and Measures—*continued.*

Norway.

The Metric System since 1878.

Persia.

1 Zer (16 Gereh) ...	=	38 inches.
1 Fersakh (*Parasang*)	=	4·8 miles.
1 Chenica	=	·289 gallon.
1 Cajicha	=	·578 gallon.
1 Collothum.....	=	1·809 gallons.
1 Artata	=	1 809 bushels.
1 Seer (16 Miscal)....	=	2·84 lb. grains.
1 Ratel...	=	1·014 lb. av.
1 Batman, or Mannd.	=	6·491 lb. av.
1 Karwar.	=	640·144 lb. av.
1 Batman Rel	=	97 lb. av.

Peru.

Metric, old Spanish, and British but Vara (3 pie) = 2·780 feet; Fanega (wheat) = 135 or 140 libra; Cuiga = 150 libra.

Philippine Islands.

1 Pulgada (12 Linea)	=	·927 inch.
1 Pie	=	11·125 inches.
1 Vara	=	33·375 inches.
1 Gantah	=	8·106 gallon.
1 Caban	=	21·901 gallons.
1 Libra (16 Onze) ...	=	1·0144 lb. av.
1 Arroba	=	25 360 lb. av.
1 Catty (16 Taeli ...	=	1·304 lb. av.
1 Picul (100 Catty) ..	=	130·482 lb. av.

Portugal Rumania & San Domingo.

The Metric System.

Russia.

1 Stopa (8 Vershok)....	=	18 inches.
1 Arschine (16 Vershok)	=	28 inches.
1 Sasschen (3 Arschine)	=	7 feet.
1 Versta (500 Sasschen) .	=	1166·66 yards.
1 Desatine	=	1300·65 sq. yards.
1 Vedro (100 Tscharkey)	=	2·704 gallons.
1 Anker	=	8·114 gallons.
1 Chetwert	=	46·2 gallons.
1 Sarokowaja...	=	108·196 gallons.
1 Tschetwerik	=	2·885 pecks.
1 Pajok	=	1·442 bushels.
1 Last	=	11·540 quarters.
1 Zolotnick (96 Doli) ..	=	65·830 Tr. gr.
1 Funt (12 Lath)	=	·9018 lb. av.
1 Pood (40 Funt)	=	36·1127 lb. av.
1 Berkowitz	=	361·273 lb. av.
1 Packen	=	1083·382 lb. av.

Servia.

The Metric and Turkish Systems.

Siam.

1 Niw	=	·83 inch.
1 Ku'p (12 Niws)	=	10 inches.
1 Sawk (2 Ku'ps)	=	10⅓ inches.
1 Wah (4 Sok)	=	80 inches.
1 Sen (20 Wahs)	=	44·4 yards.
1 Yot (400 Sens)	=	9⅞ miles.
1 Kôeneng	=	2·525 miles.
1 Thang	=	3·75 gallons.
1 Coyan	=	375 gallons.
1 Tael (4 Bat)..	=	930·25 Tr. grains.
1 Chang, or Catty	=	2·675 lb. av.
1 Hap, or Peiul	=	133·75 lb. av.
1 Koean (20 Piculs)....	=	1675 lb. av.

Spain.

The Metric System was made compulsory on July 1, 1868. In many countries that were colonised by Spain some of the old Spanish measures are still used, *e.g.* :—

1 Pulgada (12 Linea)	=	·927 inch.
1 Sesma (6 Pulgada)	=	5·564 inches.
1 Vara (6 Sesma)	=	2·782 feet.
1 Estado (2 Varas).....	=	5·564 feet.
1 Legua (of Castile)	=	4636·66 yards.
1 Fanegada	=	1·6374 acres.
1 Cuartillo (4 Capo).....	=	·1109 gal.
1 Cuartilla (2 Azumbres)....	=	·88, 9 gal.
1 Arroba Mayor (or Cantara)	=	3·5571 gal.
1 Mayor (16 Cantara)	=	56·976 gal.
1 Medio (2 Quartillo)	=	·0621 bush.
1 Almude (2 Medio)	=	·1256 bush.
1 Fanega	=	1·5076 bush.
1 Cahiz.....	=	18·0919 bush.
1 Tomin (2 Grano)...	=	·02113 oz. av.
1 Onza	=	·0644 lb. av.
1 Libra (of Castile)	=	1·014 lb. av.
1 Quintal	=	101·449 lb. av.
1 Tonelada.....	=	1014·49 lb. av.

Tripoli.

1 Pike	=	26·416 inches.
1 Diaa	=	19·13 inches.
1 Orbah	=	1·476 gallons.
1 Hneba (4 Temen).....	=	2·952 bushels.
1 Secchia (4 Bozze).....	=	2·361 gallons.
1 Oka (40 Ukiehi)	=	2·69 lb. av.
1 Centner (100 Rottoll)....	=	107·66 lb. av.

Turkey.

1 Pike or Arshen	=	27¼ inches.
1 Pike or Arshen (and)....	=	29⅓ inches.
1 Halebi or Archim.....	=	27·9 inches.
1 Endazzeh (silk).....	=	25¼ inches.
1 Agaisch (3 Berri)	=	3·1159 miles.
1 Jaibeh (12 Rottoll)	=	·4851 bushel.
1 Fortin (4 Kilow)	=	3·8809 bushels.
1 Rottol (12 Okiejeh)	=	2·513 pints.
1 Almud (8 Okie)	=	1·159 gallons.
1 Cantar (100 Rottoll)... ..	=	31·417 gallons.
1 Cantar (dry)	=	124·08 lb. av.
1 Oklejeh (100 Dirhem)...	=	70·854 lb. av.
1 Kêlé or Oke (4 Oklejeh).	=	2·1975 lb. av.
1 Batman.....	=	22·046 lb. av.

United States.

The Metric System, authorized 1866; also weight, length, and surface measures as in England, and old Winchester measure.

1 Pint (dry)	=	·9691 pint.
1 Gallon (dry)	=	9·694 gallon.
1 Bushel	=	9·694 bushel.
1 Quarter	=	·9694 quarter.
1 Pint (wine or spirit).....	=	·8331 pint.
1 Gallon (wine or spirit)....	=	·8331 gallon.
1 Pint (beer)	=	1·017 pints.
1 Quintal or Centner	=	100 lb. av.
1 Barrel (of flour).....	=	196 lb. av.
1 Barrel (of beef).....	=	200 lb. av.

Uruguay.

Metric System, introduced 1864; also as in Argentine Republic.

Venezuela.

The Metric System, since 1857; and old Spanish.

THERMOMETRIC SCALES COMPARED.

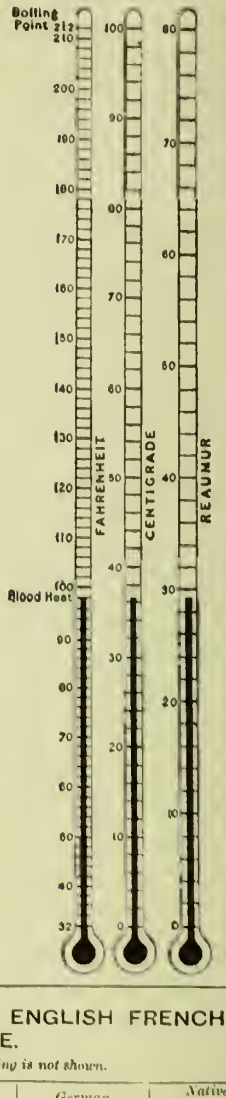

TABLE OF GEOGRAPHICAL PLACE-NAMES AS SPELT IN ENGLISH FRENCH GERMAN AND THE NATIVE LANGUAGE.

NOTE.—In countries where the Roman Alphabet is not in use the native spelling is not shown.

English.	*French.*	*German.*	*Native Language.*
Antwerp	Anvers	Antwerpen ..	Anvers
Athens	Athenes .. .	Athen	
Australia	Australie	Australien .. .	
Austria Hungary	Autriche-Hongrie	Osterreich-Ungarn	
Basle	Bâle	Basel	
Belgium	Belgique	Belgien	Belgique
Bremen	Brême	Bremen	
Brussels	Bruxelles .. .	Brüssel	Bruxelles
Christiania ..	Kristiania ..	Christiania ..	Kristiania
Cologne	Cologne	Köln	
Copenhagen ..	Copenhague ..	Kopenhagen ..	Kjobenhavn
Denmark	Danemark ..	Dänemark	Danmark
Dover	Douvres	Dover	
Dresden	Dresde .. .	Dresden	
Edinburgh ..	Edinburgh .	Edinburgh . ..	
England	Angleterre .	England	
English Channel	Manche .. .	Der Kanal	
Florence	Florence .. .	Florenz	Firenze
Flushing	Flessingue.. ..	Vlissingen ..	Vlissingen
France	France	Frankreich ..	
Frankfort ..	Francfort	Frankfurt	
Geneva	Geneve . ..	Genf	
Genoa	Gênes . ..	Genua	Genova
Germany	Allemagne . .	Deutschland ..	
Ghent	Gand	Gent	Gand
Great Britain ..	Grande Bretagne	Grossbritannien ..	
Greece	Grèce	Griechenland ..	
Hamburg.. ..	Hambourg ..	Hamburg	
Hanover . ..	Hanovre	Hannover	
Holland	Pays-Bas .. .	Niederlands .	Nederland
Ireland	Irlande	Irland	
Italy . ..	Italie . .	Italien	Italia

English.	*French.*	*German.*	*Native Language.*
Lisbon.. ..	Lisbonne	Lissabon	Lisboa
London .	Londres	London ..	
Lyons	Lyon	Lyon ..	
Marseilles ..	Marseille	Marseille	
Milan	Milan	Mailand ..	Milano
Moscow	Moscou	Moskau ..	
Munich	Munich .. .	München .	
Naples	Naples	Neapel ..	Napoli
New Zealand ..	Nouvelle-Zélande	Neu-Seeland	
Norway . .	Norvége	Norwegen ..	Norge
Orkney Is. ..	Is. Orcades ..	Orkney In....	
Philadelphia	Philadelphie .	Philadelphia	
Pittsburg ..	Pittsbourg ..	Pittsburg .	
Prague .	Prague .. .	Prag	Prag
Prussia	Prusse	Preussen ..	
Rhine	Rhin	Rhein ..	
Rome	Rome	Rom	Roma
Russia . .	Russie .. .	Russland ..	
St. Petersburg	St. Petersbourg..	St. Petersburg	
Scotland .	Ecosse	Schottland..	
Spain. .	Espagne	Spanien	España
Sweden .. .	Suède .. .	Schweden ..	Sverige
Switzerland ..	Suisse .. .	Schweiz	
Thames	Tamise	Themse .. .	
The Hague ..	la Haye	Haag	's. Gravenhage
Turkey . .	Turquie .. .	Türkei . .	
United States	États-Unis ..	Vereinigte Staaten	
Venice.. ..	Venise	Venedig . .	Venezia
Vienna .. .	Vienne	Wien .. .	Wien
Wales	Galles	Wales ..	
Warsaw ..	Varsovie	Warschau.. ..	

COMMERCIAL COMPENDIUM

OF THE

WORLD'S PRINCIPAL COMMODITIES

Acacias yield GUM ARABIC, formerly brought only from Arabia and Egypt, but now imported also from West Africa. CATECHU, an astringent used by tanners, is obtained by boiling the heart-wood of *A. catechu*, an East Indian tree.

Acetylene is a gas formed by the direct union of carbon and hydrogen at a very high temperature. It is also prepared by the action of water upon calcium carbide. It burns with a very bright flame, and possesses a peculiar odour.

Acids are manufactured to a large extent around Manchester, at Newton Heath, St. Helens, Widnes; and in the neighbourhood of Newcastle-upon-Tyne. The manufacture of chemicals, including acids, reaches the annual value of nearly seventeen millions sterling.

ACETIC ACID is obtained from the liquid which passes over in distillation when wood is heated in closed iron cylinders.

CARBONIC ACID or CARBON DIOXIDE, a gas at all ordinary temperatures, occurs very abundantly in nature combined with lime, from which it may be separated by the addition of another acid.

CITRIC ACID occurs in the juice of the lemon from which it is prepared by saturation with chalk, the acid being then liberated from the insoluble citrate by the addition of sulphuric acid. Citric acid is sold crystallised.

GALLIC ACID is obtained by applying heat to nut-galls. As gallic acid gives a blue-black precipitate with chloride of iron, it is used in the manufacture of ink and as a developer in photography.

HYDROCHLORIC ACID or SPIRIT OF SALTS, is prepared by heating common salt and sulphuric acid; but enormous quantities are obtained as a by-product in the manufacture of sodium carbonate; and are used for bleaching purposes. It is also known as MURIATIC ACID, from *muria*, meaning brine.

NITRIC ACID, or AQUAFORTIS, is prepared by heating cubic nitre and sulphuric acids together in iron cylinders, when the nitric acid which distils over is collected in stoneware bottles. The acid is largely employed in the preparation of gun-cotton, nitro-glycerine, and dyes.

SULPHURIC ACID, or OIL OF VITRIOL, is prepared for commercial purposes by roasting iron-pyrites in a furnace, and passing the gas into lead chambers with nitric acid, when the latter is decomposed and the sulphur dioxide is converted into sulphuric acid by taking up water and oxygen.

TARTARIC ACID which occurs in the juices of many fruits, is deposited as a salt during the fermentation of wine as *tartar* or *argol*, from which the acid of commerce is prepared. Tartaric Acid and cream of tartar are imported into the United Kingdom amounting to about £400,000.

Aerated Waters exported from the United Kingdom are of the average annual value of £200,000.

Agate, a precious stone composed of layers of quartz of different colours, is employed commercially as a burnisher. Agates are found in the Grampians, when they are commonly called "Scotch pebbles"; and as they occur on Cairngorm, they are sometimes so called. The chief sources of supply are Gujarat, in India; Siberia and Ceylon.

Agricultural Implements are manufactured at the chief centres of farming activity where there are markets frequented by farmers; as at Bedford, Doncaster, Ipswich, Norwich, Peterborough and Reading. British imports of Agricultural Machinery amount to three-quarters of a million sterling and the exports to 1¼ millions.

Alabaster, a semi-transparent variety of gypsum or calcium sulphate, is used for statuettes. Spain and Italy yield the best qualities.

Alcohol, or SPIRIT OF WINE, is a liquid generated by the fermentation of fluids containing sugar and other saccharine substances. Pure, or Absolute Alcohol, Sp. Gr. 0·8 (about); boiling point 174° F. is extensively used in medicine and the arts. METHYLATED SPIRIT, a mixture of nine parts of alcohol, with one part of pyroxylic, or wood-spirit, is largely used as a solvent of resinous substances. The PROOF SPIRIT of the Excise contains 50·8 parts by weight of alcohol to 49·2 of water and possesses a Sp. Gr. of 0·92. RECTIFIED SPIRIT contains 16 per cent. of water, Sp. Gr. 0·84. Weaker spirits are termed "Under Proof" (U.P.) and stronger spirits "Over Proof" (O.P.). The duty on spirits is 14*s.* 9*d.* per proof gallon yielding (1910) 14½ millions sterling, an amount below the average.

Ale and **Beer**, well known fermented liquors, are manufactured of malt and hops, also from various chemical substitutes, including glucose (q.v.). Several varieties of these familiar beverages derive their names from the place of origin, as Burton ale, Dublin stout, Edinburgh ales, and London porter. The light beer consumed so largely by Germans, called "lager-beer," from *lager*, a storehouse, is brewed very largely at Munich.

British Imports of Ale and Beer average £150,000 annually and the exports 1¾ millions sterling. The Excise duty on beer at 7*s.* 9*d.* per barrel of 36 gallons, Sp. Gr. 1·055, yielding (1910) 12½ millions sterling, an amount below the average.

Alfa or *Halfa*, African name for ESPARTO GRASS (q.v.).

Alfalfa, the name given to a species of *lucerne*, largely grown for forage in California, the south-western United States and Mexico.

Alkali is a substance which combines with an acid to neutralize it and form a salt. The principal alkalies are potash, soda, lime, ammonia and lithia. They have an acrid taste (that of soap) and turn vegetable blues green. The manufacture of alkalies is an important industry in districts where salt is produced, as in Cheshire, at Widnes, in Lancashire, Middlesbrough, in the North Riding, and in and around Newcastle-upon-Tyne.

Alkaloids are vegetable principles possessing alkaline properties to some degree inasmuch as they enter into chemical combination with acids. Many are valuable drugs and active poisons. ATROPINE is found in Deadly Nightshade (*Atropa belladonna*); BRUCINE in the seeds of *Nux vomica*; CINCHONINE, in Cinchona bark; COCAINE in coca leaves; CONIINE in the seeds of the hemlock (*Conium maculatum*); HYOSCYAMINE, in henbane (*Hyoscyamus niger*), MORPHINE, and NARCOTINE in opium; NICOTINE, in tobacco; PIPERINE, in black pepper (*Piper nigrum*); QUININE in cinchona bark; and STRYCHNINE, in the seeds of *Strychnos, Nux vomica* and St. Ignatius' Bean.

Alloys are compounds formed by two or more metals. Gold and silver are too soft when used native for coinage, but the addition of 7½ per cent. of copper to silver gives an alloy sufficiently hard for the purpose. Copper is too soft to be turned

in a lathe, but when alloyed with half its weight of zinc, it forms the harder substance known as BRASS. Important alloys are:

BELL METAL, copper, 80 p.c.; tin, 20 p.c.
GUN METAL, copper, 90 p.c.; tin, 10 p.c.
SPECULUM METAL, copper, 67 p.c.; tin, 33 p.c.
TYPE METAL, lead, 80 p.c.; antimony, 20 p.c.

The alloys of other metals with mercury are termed AMALGAMS. Silver and gold are thus extracted from their ores; the minerals being crushed to powder and the precious minerals separated by amalgamation.

Almonds are the fruit of the Almond-tree (*Amygdalus communis*), Nat. Ord. *Rosaceæ*, which grows wild in Spain, Italy and Algeria, blooming early in the spring and ripening its fruit in August. The best imported are the "Jordan" almonds, from Malaga in Spain. The United Kingdom import averages about £700,000 annually.

Aloe, a drug obtained from various species of *Aloe*, Nat. Ord. *Liliaceæ*, by drying the juice. SOCOTRINE ALOES, so called from the island of Socotra, are the produce of *A. spicata*, also found in East Africa and Bombay. Other varieties are brought from Barbados and Natal.

Alpaca, the Peruvian sheep akin to the LLAMA (*Llama pacos*), an animal about the size of a deer, yields a very superior fleece, which is easily spun, and used in the manufacture of fabrics in the Bradford district of the West Riding. British supplies of this wool are derived from Peru and reach 4,000 tons annually. The fabrics made from the wool are classified as alpaca-lustres, fancy-alpacas, and alpaca-mixtures. British imports of Alpaca, Vicuna and Llama Wools average £300,000 annually.

Alum, a mineral salt, the double sulphate of aluminium and potash, soda or ammonia is used as a mordant and for many other purposes in the arts. As it is only found to a limited extent in nature, large quantities are manufactured by treating clay with sulphuric acid, or by decomposing alum-shale. Glasgow, Whitby and Newcastle-upon-Tyne are the chief seats of the manufacture. Alum is exported from Smyrna and Tuscany under the name of Roman alum, and a considerable quantity is prepared in China.

Alumina occurs native in nature as Corundum, Emery, Ruby and Sapphire. Alumina prepared by adding ammonia to a solution of alum is largely used in calico-printing and dyeing as a mordant.

Aluminium, a metal somewhat resembling silver, discovered by Sir Humphrey Davy, possesses remarkable lightness of weight (Sp. Gr. 2·6), ductility and malleability. Its lightness renders it valuable in the construction of aeroplanes, and racing boats, optical and surveying instruments. It also resists the action of the atmosphere to a marked degree. Although abundant as one of the ingredients of clay, it never occurs free in the crust of the earth. It is made in the electric furnace from *bauxite*, its hydrated oxide, and *cryolite* a fluoride of aluminium and sodium. ALUMINIUM BRONZE, consisting of one part of aluminium to nine parts of copper, is a valuable alloy.

Amber, a yellow fossil resin, used in the manufacture of ornaments, is chiefly found off the shores of Pomerania and Polish Prussia; off the east coast of Great Britain, and in gravel pits round London.

Ambergris, a solid inflammable fragrant substance is found on the coast or floating on the sea near the shores of India, Africa and Brazil. It is believed to be a concretion formed in the stomach or intestines of the spermaceti whale (*Physeter macrocephalus*).

Amethyst, a purple or violet variety of quartz, is the most valuable of the siliceous gems.

Ammonia, formerly known as SPIRIT OF HARTSHORN, on account of its being prepared from burnt horns, hoofs, etc., is used in medicine and the arts. It is now manufactured in this country as one of the by-products of the distillation of coal.

Ammunition, a term including powder, balls, bombs, and military or naval explosives of all kinds. The ammunition for the British army and navy is largely manufactured at Woolwich Arsenal; but the Government Powder Mills are at Waltham, in Essex. The import of arms and ammunition into the United Kingdom averages about £300,000 annually; and the export of ammunition alone about 2 millions sterling.

Anchovy (*Engraulis encrasicolus*), a small fish of the herring family, is common in the Mediterranean and off the coasts of Spain and Portugal. Salted and packed in barrels, anchovies are imported into the United Kingdom.

Aniline, a product of coal-tar, is extensively used in dyeing. The new aniline colours so widely used in calico-printing, woollen and silk-dyeing have to a large extent displaced vegetable dyes.

Anise-seed oil, obtained by distillation from the fruit of *Pimpinella anisum*, Nat. Ord. *Umbelliferæ*, is used in confectionery and medicine. The plant, a native of Egypt, is grown in France, Germany, Italy, Spain, Malta and India. The principal imports are from Alicante and Hamburg.

Anthracite, a kind of coal that burns almost without flame, smell or smoke, consists nearly entirely of carbon and is not easily ignited. In the best anthracite, carbon is present to the extent of 90 to 95 per cent. Very little anthracite is mined in Great Britain—Welsh steam coal is not anthracite; but anthracite is found in the eastern part of the South Wales coal-field. The largest field of anthracite is in the coal region of Pennsylvania, U.S.A.

Antimony (*Stibium*), a bright white metal of moderate hardness, occurs native but seldom and in small quantities. The antimony of commerce is obtained from the sulphur ore—*stibnite*—and Japan furnishes the greatest supply. This metal is mainly useful in the arts owing to the alloys it forms with lead and tin, imparting to both greater hardness and durability. TYPE METAL is a mixture of lead, bismuth and antimony, while BRITANNIA METAL is a compound of tin and antimony principally with a small percentage of copper. PEWTER consists of a small proportion of antimony with tin. The tersulphide, Grey Antimony or Stibnite, occurs in many parts of Europe; but the British supply is mainly from Borneo and the East Indies, while Central Italy provides this product to the continent of Europe. Antimony compounds are poisonous.

Apparel, a term including all articles of dress, is manufactured to a large extent in London and at Leeds and Ipswich. Including hats and boots the United Kingdom import of apparel amounts to 4½ millions and the export to 9¼ millions sterling.

Arms, a term including weapons of all kinds, are manufactured largely in England. Heavy naval ORDNANCE at the Elswick Ironworks, Newcastle-upon-Tyne; SMALL ARMS at Birmingham and Enfield, in Middlesex; and arms of all kinds at Woolwich, London. The export of small arms from the United Kingdom averages a quarter of a million annually.

Arrowroot is the starch extracted from the tuberous roots of *Maranta arundinacea*, Nat. Ord. *Marantaceæ*, a native of South America, introduced into the West Indies and Ceylon.

Arsenic, a tin-white metal rarely found pure in nature, is obtained chiefly from its two sulphur-ores, *Orpiment* and *Realgar*. The arsenic compounds are widely employed in the manufacture of pigments—Paris green and white arsenic—for preservatives and insecticides. A small quantity of arsenic is added to lead in the manufacture of gun-shot and rifle-bullets to impart hardness. White arsenic, *the* arsenic of the druggists is the oxide of the metal obtained from MISPICKEL, the sulphur-arsenic ore of iron, by roasting. Arsenic is principally imported from Saxony and Bohemia. REALGAR is found in Bohemia and Saxony; ORPIMENT in China and South America. The metal is also obtained from the tin mines of Cornwall. It is a virulent poison.

Asbestos, a fibrous white or grey mineral, a silicate of magnesia and lime, is a variety of hornblende. It can be woven into "fire proof" cloth, or pulped into "inflammable" paper. It occurs

in Georgia, Massachusetts, California and the Dominion of Canada. Annual value of import into United Kingdom, £100,000.

Ash (*Fraxinus excelsior*), Nat. Ord. *Oleaceæ* produces very tough and elastic timber much valued by wheelwrights. MANNA, made from the sap of *F. ornus* and *F. rotundifolia* obtained by cutting the bark, is prepared in Sicily.

Asphaltum, or BITUMEN, a substance produced by the gradual drying up of rock-oil *in situ*, occurs in igneous rocks in Cuba; and in rocks of Tertiary age in Pegu and Trinidad. It is employed for paving, and much of the commercial supply is imported from the great Pitch Lake in the Island of Trinidad. Annual value of import into United Kingdom, £160,000.

Attar or **Otto of Roses** is obtained from several sweet-scented species, especially the Damask Rose of the east. Being very costly the attar is generally adulterated with Indian Grass Oil.

Bacon, a term including all salted pork, except hams, is imported in immense quantities from the United States and Canada, the average annual value being 14½ millions sterling.

Balata, the gum of the bullet or bully-tree of South America, is used as a substitute for gutta-percha in the insulation of telegraph wires.

Balsam or **Gum resins** are partly soluble in water owing to the proportion of gum they contain and partly in alcohol, owing to their resinous nature; while gums are soluble in water but not in alcohol, and resins are soluble in alcohol, but not in water. The balm of Gilead, or balsam fir (*Abies balsamifera*) Nat. Ord. *Coniferæ*, yields CANADA BALSAM. Other gum-resins are ASAFOETIDA, used in medicine, the product of an umbelliferous plant, BENZOIN (q.v.), CAMPHOR (q.v.) and FRANKINCENSE (q.v.), much used in churches.

Bamboos (*Bambusa arundinaceæ*), Nat. Ord. *Gramineæ*, huge jointed, light, hollow stems of arborescent grasses, flourish everywhere within the tropics. The stems are used for building purposes, and furniture, and from the inner bast-like bark a kind of paper is made.

Banana (*Musa sapientum*), Nat. Ord. *Musaceæ*, produces large clusters of succulent fruits containing much starch and sugar. These, if intended for export, are gathered green and unripe, but soon acquire sweetness. *Musa paradisiaca* yields the PLANTAIN, an equally nutritious fruit. Bananas are grown for export in the West Indies, Mexico, Central America and in the Pacific Islands. The British supply comes chiefly from Jamaica and the Canary Islands and reaches the annual value of 1¾ millions sterling.

Bark of several varieties ranks as commercial commodities. The most important bark used medicinally is that produced by various species of *Cinchona*, a group of evergreen trees, Nat. Ord. *Rubiaceae*, natives of the Andes of Peru and Bolivia, but now introduced into India, and Java, Japan and Mauritius at elevations of from 7,000 to 10,000 feet. The medicinal properties of the bark are owing to the presence of three alkaloids—QUININE quinidine and cinchonine—the most effectual remedies known against intermittent fevers. The annual import of Peruvian Bark averages £50,000. CASCARILLA BARK, imported from the Bahamas, product of *Croton eleuteria*, Nat. Ord. *Euphorbiaceae*, is occasionally used as a substitute for cinchona. Cedron and Quassia are also used medicinally. In the bark of the Oak (*Quercus robur*) Nat. Ord. *Corylaceæ*, a peculiar substance termed tannin, or tannic acid, occurs and this is employed in the preparation of leather. In addition to the home supply large quantities of oak bark valued at £200,000 are imported annually.

Barley (*Hordeum vulgare*), Nat. Ord. *Gramineæ*, is one of the principal crops of northern Europe and Asia, succeeding as far from the equator as 70° N. Lat. and to S. Lat. 42°. In Asia it ripens on the Himalayas and in Tibet: in America, its culture is principally confined to Mexico, the United States and Canada. The grain is chiefly used in brewing and distilling, being first usually converted into MALT. The United Kingdom annually imports barley, valued at 7 millions sterling from Denmark, France, Germany and Turkey in Europe.

Barytes, SULPHATE OF BARYTA, or HEAVY SPAR is a beautiful crystalline mineral occurring in Cumberland, Westmorland, Derbyshire, Carinthia, Algeria and Nova Scotia. It is employed as a substitute for and to adulterate white lead.

Bass, the fibre of two South American palms, exported from Para and Bahia, is used in brush making; another kind is brought from West Africa. When first introduced it was generally known as vegetable whalebone.

Bast, or Russia matting, is the fibre of the Lime-tree (*Tilia europæa*), Nat. Ord. *Tiliaceæ*, torn into strips and plaited. Millions of these mats are annually imported into the United Kingdom from Russian ports, but principally from Archangel.

Beans and **Peas,** Nat. Ord. *Leguminosæ*, supply several kinds of food plants such as the Pea (*Pisum sativum*), Bean (*Vicia faba*) and Lentil (*Ervum lens*). Peas and beans are grown in Poland, Prussia, Pomerania and Denmark and Lentils in Egypt. The GROUND NUT (*Arachis hypogæa*) a native of Africa is cultivated in the southern United States. A large trade is carried on in ground nuts from Africa to Marseilles and Liverpool for their oil. The CAROB BEAN, or St. John's Bread (*Ceratonia siliqua*), is imported from Sicily, Naples and the Levant for the sake of its sweet pod, which is used for cattle feeding and is sometimes called "locust." British annual imports of peas, beans, lentils and locust average 2 millions sterling.

Beaver (*Castor fiber*) an animal found in Canada, yields fur consisting of two kinds of hair, the outer long and rigid, the inner soft and downy and employed for articles of dress.

Bêche-de-Mer, or trepang, a huge sea-slug, is caught off the coasts of Queensland and New Guinea, exported to China for making soup.

Beech (*Fagus sylvatica*), Nat. Ord. *Corylaceæ*, is a very common English tree, especially in Buckinghamshire, largely used in making tools and furniture. The soot of burning beech wood is used in the manufacture of the pigment BISTRE.

Beef is imported into the United Kingdom in immense quantities, Fresh (including chilled and refrigerated), salt, and preserved, annual value 11¾ millions sterling. The principal sources of supply are the United States, Canada, Argentina and Uruguay.

Beer, see ALE, BARLEY.

Beet (*Beta vulgaris*), Nat. Ord. *Chenopodiaceæ*, is cultivated in European countries, especially Germany, Austria and France for the production of sugar, a ton of beet-root affording 100 lb. of raw or 55 lb. of refined sugar. British imports of unrefined beet sugar reach the annual value of 7¼ millions sterling.

Benzene or **Benzol** was discovered by Faraday in 1825, in a tarry liquid resulting from the destructive distillation of coal-tar.

Benzine is the name given to a distillate of petroleum used as a substitute for turpentine, as a solvent for oils and fats. **Benzoline** is the name applied to benzine and impure benzene.

Benzoin, or GUM BENJAMIN, is the aromatic and resinous juice of *Styrax benzoin* of Sumatra and Java, used in perfumery and for incense. Its tincture yields FRIAR'S BALSAM or JESUIT'S DROPS, and is used in the manufacture of COURT PLASTER.

Beryl is an accessory component of granitic rocks. The clear, transparent varieties are highly prized as gems, as *aquamarine* and *emerald*, both green, the latter the darker. The element beryllium with alumina forms *Chrysoberyl* or "cat's-eye" and *Alexandrite*.

Bessemer Steel is largely manufactured at Barrow-in-Furness, and is used for railway axles and rails, boiler-plates, and ships.

Betel-nut, the fruit of *Areca catechu*, Nat. Ord. *Palmæ*, is chewed in Central and tropical Asia as part of the compound called betel, which reddens the saliva, brightens the hue of the lips and blackens

Cattle numbering about four hundred thousand are annually exported into the United Kingdom from abroad, chiefly from the United States and Canada, and valued at about 6½ millions sterling.

Caviare consists of the preserved roe of sturgeon and other fish, pressed into cakes or packed in kegs. That imported from Russia is considered the best.

Cayenne Pepper consists of the powdered pods of *Capsicum annuum*, Nat. Ord. *Solanaceæ*, a native of the East and West Indies.

Cedar (*Cedrus libani*), Nat. Ord. *Coniferæ*, is a large evergreen tree whose timber is comparatively worthless. AMERICAN CEDAR (*Cedrela odorata*), Nat. Ord. *Cedrelaceæ*, a native of Central America and the West Indies, supplies the wood used for cigar boxes. PENCIL CEDAR (*Juniperus bermudiana*), Nat. Ord. *Coniferæ*, furnishes the red wood used for graphite pencils.

Celluloid, a hard elastic compound used as a substitute for ivory, is manufactured by hydraulic pressure from pyroxylin mixed with camphor.

Cements are obtained from various carbonates, which when pure set only in dry air; but when mixed with clay set in moist air or even under water. The calcareous nodules found in the London clay of the Isle of Sheppey and those at Harwich supply the raw material for the cement works of Chatham, Rochester and Sheerness. The cement stones of the Lias limestone at Whitby and of the Speeton Clay of Yorkshire and the Lower Lias Limestones supply hydraulic cements. British exports of cement are valued at 1 million sterling.

Chalk, the most familiar form of limestone, is burnt to form quicklime; is employed for mortar and cements, in glass-making, leather-dressing, bleaching, agriculture and medicine.

Champagnes, so called from the old province of France in which they are made, are both still—as Sillery—and sparkling, the latter being held in higher estimation. The annual value of the British import of Champagne is about 1½ millions.

Charcoal consists of wood burnt with as little exposure to the air as possible. Artists' charcoal is prepared by burning the wood of the spindle tree (*Euonymus europæus*), Nat. Ord. *Celastraceæ*.

Cheese, the curd of milk salted, compressed and dried, is produced in England—Cheddar, Cheshire, Gloucester and Stilton; but our home supply is altogether inadequate and about two hundred thousand tons are imported annually chiefly from Canada and the United States. We also import a considerable number of fancy foreign cheeses, such as Limburg, from Belgium; Gruyère, from Switzerland; Parmesan, from Lombardy; Gorgonzola, from Italy; Edam and Gouda from Holland; and Camembert, from Normandy. The import of cheese into the United Kingdom is valued at 7 millions sterling.

Chemicals include alkalies, acids, salts and painters' colours. British imports amount to 3 millions sterling and exports to 9¼ millions.

Chestnuts are the fruit of the sweet chestnut tree (*Castanea vesca*, Nat. Ord. *Corylaceæ*). As the nuts do not often come to perfection in England, we import them from Spain and France; the greater part of our supplies coming from Bordeaux. The timber of the chestnut tree can scarcely be distinguished from oak.

Chicory, the powdered roasted roots of *Cichorium intybus*, Nat. Ord. *Compositæ*, an English plant added to coffee to neutralise the oil, is cultivated in Holland, Belgium and Germany.

Chillies, the pods of *Capsicum annuum*, Nat. Ord. *Solanaceæ*, are imported from the East and West Indies for use in pickles, curries and sauces.

China Grass, the commercial name for the fibre of an Indian nettle (*Boehmeria nivea*), supplies RHEA FIBRE from which the Chinese weave a light cloth as fine as French cambric.

Chinaware is the name given to porcelain, because semi-transparent pottery was originally made from the peculiar clays found in that country. British imports of Chinaware amount to a million sterling and exports to 2½ millions.

Chintz, highly glazed printed calico with a coloured pattern on a white or pale ground. The word is the plural of the Hindustani *chint*, meaning spotted cotton-cloth.

Chlorine, a yellowish gas, with a very strong scent, and poisonous, is obtained from common salt or sodium chloride and largely used for whitening cotton and linen fabrics.

Chocolate is extensively manufactured at Bristol, Bourneville, near Birmingham, London and York.

Chromium, a brittle almost infusible metal resembling iron in appearance, is important in the arts owing to the beautiful colours produced by its combination with other elements, as the sesquioxide of chromium, a fine green; potassium bichromate, yellow; and bichromate of lead, orange. The chief ores of chromium are CHROMIC IRON, occurring in the serpentine rocks of the Shetland Islands, France, Norway and the United States; and lead chromate found in Siberia, the Ural Mountains and Brazil. CHROME STEEL is used in the manufacture of edge-tools and burglar-proof safes.

Cigars of celebrated brands are manufactured at HAVANA. The tobacco export of Cuba annually amounts to 3¼ millions sterling, and in addition to this the manufactures of tobacco amount to 2½ millions. MANILA, in the Philippine Islands, is also noted for its cigars, and the produce of British NORTH BORNEO has found its way into the market. The British import of cigars is valued at a million sterling annually. Cigars are manufactured in the United Kingdom in London (Whitechapel, Southwark, Islington), Liverpool, Bristol, Nottingham, Leicester, and Coventry.

Cinchona, see BARK.

Cinnabar, the ore from which quicksilver or MERCURY (q.v.) is obtained is the basis of the pigment vermilion. The countries producing cinnabar in order of their importance are Spain, (Almaden), California (New Almaden), Austria (Idria), Peru, Tuscany and Germany.

Cinnamon is the inner bark of an evergreen tree, *Cinnamomimum zeylanicum*, Nat. Ord. *Lauraceæ*, a native of Ceylon, the largest gardens being near Colombo. It also grows in Java, Sumatra, Malabar and Cochin China, and has recently been introduced into Mauritius, Brazil, Guiana, Tobago, Guadaloupe, Martinique and Jamaica.

Citron is the fruit of *Citrus medica*, Nat. Ord. *Aurantiaceæ*. The thick rind is converted into a conserve and the essential oil is employed in perfumery. The United Kingdom import chiefly comes from Madeira, either pickled in salt or candied ready for use.

Claret, the red wine of the Gironde district of France, is imported from Pauillac, the out-port of Bordeaux.

Clays supply builders' materials and the substance of common POTTERY, CHINAWARE and PORCELAIN, clays, almost pure, are provided by the decomposition of the felspar of granite; and such clays are found or artificially prepared in Cornwall, Devon, France, Belgium and Germany. PIPECLAY, procured at Poole and Purbeck, is a white clay with silica in excess. FIRECLAYS, for which Stourbridge is especially famous, used in the manufacture of fire-bricks, retorts and crucibles, contain a large preponderance of silica over alumina. See also FULLER'S EARTH and OCHRE.

Clocks are manufactured in London, Croydon, in the Black Forest of Germany and in the United States state of Connecticut. The clocks imported into the United Kingdom are valued at £450,000 annually and those exported at £30,000.

Clover (*Trifolium*), Nat. Ord. *Leguminosæ*, is especially valuable in the rotation of crops as a forage plant, being rich in nitrogenous products which are left in the soil in the roots after the green part of the crop is removed.

Cloves, the unexpanded flower buds of *Caryophyllus aromaticus*, a tree of the Nat. Ord. *Myrtaceæ*, are imported into the United Kingdom from the East and West Indies and Mauritius, and also from Zanzibar.

Coal.—The total area of the known coal fields

of the world is about 470,000 square miles, and the world's supply of coal annually is about 725 million tons. The principal coal producing countries with the output in millions of tons are: United States (269), United Kingdom (260), Germany (107), France (30), British Colonies (25), Belgium (23), Russia (16), Austria-Hungary (13), Other foreign countries (15). The export of coal from the United Kingdom amounts to nearly 40 millions sterling, and the total production is valued at about 120 millions sterling.

Cobalt, a reddish white, strongly magnetic metal of Sp. Gr. 8·5, is much used in chemical preparations for producing blue pigments as SMALT, COBALT-ULTRAMARINE, and ZAFFRE, a corruption of sapphire. The principal ores are the arsenic combination or cobalt glance; the black oxide; and cobalt bloom found in Norway, Sweden, Saxony, Hungary, Rhenish Prussia and the United States. Often cobalt is a by-product in the extraction of nickel.

Coca, the leaves of the coca plant, a shrub growing in Peru and Bolivia is a specific against the cravings of opium, and is a cure for chronic asthma.

Cocaine, a local anaesthetic made from coca-leaves is much used in dentistry and surgical operations, especially those of the eye.

Cochineal, the produce of a plant-bug *Coccus cacti*, Order *Hemiptera*, introduced into Europe from Mexico, produces a brilliant scarlet in woollen fabrics.

Cocoa, the name given to the powdered cacao-bean, is imported from Nicaragua, Guatemala, Caracas (Venezuela), Guayaquil (Ecuador), Guiana, Brazil, Mexico and Trinidad. See CACAO.

Coco-nuts are the fruits of *Cocos nucifera*, Nat Ord. *Palmaceæ*. The large seed is enclosed within a thick pericarp, the outer layers of which are fibrous, affording "COIR," used for mats, brushes, ropes. The inner layer of the pericarp, hard and bony, the natives of tropical shores convert into various utensils and ornaments. An oil used in the manufacture of candles and soap is obtained from the dried kernel (COPRA) by pressure. The coco-nut palm flourishes on the sea-shore of most tropical countries. It is abundant throughout the "South Sea" Islands.

Codfish (*Gadus morrhua*) roams the seas of Europe from Iceland to Gibraltar and abounds off the eastern coast of North America, especially on the Grand Banks of Newfoundland between 40° and 60° N.L. British cod fisheries are prosecuted on the sandbanks off the shores of Norfolk, Suffolk, Essex, Lincolnshire, the Orkney and Shetland Islands. The greatest cod-fisheries in the world are on the Grand Banks of Newfoundland and the coast of Labrador. The exports of dried codfish and cod-liver oil from Newfoundland reach the annual value of nearly £1,700,000.

Coffee is the produce of *Coffea arabica*, Nat. Ord. *Rubiaceæ*, a native of eastern tropical Africa but cultivated in the East and West Indies and Brazil. The world's annual production of coffee amounts to about 15 million bags, each of 132 lb., contributed as follows in millions of bags; Brazil (10½), Mexico and Central America (1½), Venezuela and Colombia (1¼), Java (0·65), West Indies (0·55), Other Countries (0·835). The import of coffee into the United Kingdom amounts to about 2 millions sterling annually. Coffee is the principal product in the Rio de Janeiro district of Brazil and the neighbouring states of San Paulo and Minas Geraes. Arabian coffee, known as "Mocha," is exported from Hodeida.

Coir, see COCO-NUT.

Collodion, a gluey solution of gun cotton in alcohol and ether, used in photography.

Concrete, a mixture of lime, sand and pebbles used in building.

Conifers, many of them valuable timber-trees, are of gigantic size, rapid growth, and occupy forests in Norway, Sweden, Russia, Siberia and Canada. Their timber is known in commerce under the names of deal, fir, pine and cedar; and is principally the wood of the spruce, larch and Scotch fir. Those products sometimes termed NAVAL STORES, such as tar, turpentine, pitch, with numerous resins and balsams are obtained from coniferous trees. The preparation of wood-pulp from the spruce timber is now a well established industry in Canada, Newfoundland and Norway.

Copal is a semi-fossilised resin found in the sandy soils of Angola, Sierra Leone and Zanzibar.

Copper, occurring native in strings, grains, plates and masses, a soft but heavy metal, Sp. Gr. 8·9 is largely used in the form of copper-wire for conducting electricity. A large proportion of the world's supply of copper is obtained from the native metal; but various ores are also worked, such as CUPRITE, the oxide or red copper ore and the sulphides of copper and iron, BORNITE and CHALCOPYRITE, the latter being the principal British ore found in Cornwall. The leading countries furnishing the copper of commerce are the United States (Michigan, Arizona and Montana) Spain, Chile, Germany, Australia and Japan. Alloyed with zinc, copper makes BRASS, with tin BRONZE, gun and bell-metals; statuary bronze being a triple compound of copper, tin and zinc. The value of the copper imported into the United Kingdom is about 11 millions sterling annually, much of which is smelted at Swansea.

Copperas, a sulphate of iron used in black dyes and in the manufacture of ink.

Copra, see COCO-NUTS.

Coprolites, phosphates of lime, are obtained from small hard nodules composed of ancient organic remains found in the crag of Suffolk, the Greensand of Farnham, Cambridge, Hitchin, the Isle of Wight, Havre and other localities in France. Phosphatic nodules are also abundant in the Lias.

Coquilla Nuts, the fruit of a Brazilian palm, yield a brown mottled substance used for making buttons.

Coral, used in the manufacture of ornamental articles, is the product of the Red Coral (*Corallium rubrum*) which occurs in the Mediterranean and Red Seas and in the Persian Gulf. The coasts of Spain, France, Corsica, Sardinia, Sicily, Tunis, Algeria, and Morocco are noted for this article, which is made up into ornaments at Marseilles, Genoa, Leghorn and Naples.

Cordage is made of a variety of materials, as vegetable fibre—flax, hemp, sisal, jute and coir—and metal. Ropes are sometimes made of iron wire and hemp cables have been almost entirely superseded by iron chains. These articles are largely manufactured in the ship-building centres and especially on the Tyne. The commercial movement in cordage of hemp or similar materials is considerable; the import into the United Kingdom averaging £450,000 and the export about twice as much.

Cordite, a smokeless explosive, a mixture of nitroglycerine and gun-cotton, so-called from its cord-like appearance, is manufactured at Stowmarket in Suffolk.

Cork is the outer bark, removed from *Quercus suber* growing in the South of Spain, France and in Algeria and *Q. occidentalis*, a native of the Atlantic coasts of France and Portugal. British imports of Cork include about a quarter of a million sterling of the unmanufactured article and three-quarters of a million sterling of manufactured corks.

Corn, in England, is the name given to all kinds of grain (q.v.). In the United States it is applied to maize (q.v.).

Corozo Nuts, see VEGETABLE IVORY.

Corundum, an oxide of aluminium, the commoner forms of which are powdered to make emery, is next to the diamond the hardest of minerals. The rarer varieties of this substance, known as SAPPHIRE RUBY, ORIENTAL AMETHYST, and ORIENTAL TOPAZ, are gems of high value and great beauty.

Cotton is the delicate, long thin-walled cells which clothe the seeds of several species of *Gossypium*, Nat. Ord. *Malvaceæ*. The greatest amount is obtained from the Cotton Herb (*G. herbaceum*), an annual cultivated in the United States, India, and China. In the latter country Nankin cotton

is the natural colour—yellow. The cotton shrub (*G. indicum*) lives for two or three years in the West Indies and from six to ten in India and Egypt. The Cotton Tree (*G. arboreum*) flourishes in India, China, Egypt and the coast of Africa. The hairs when dry become flattened and twisted. Lamp-oil is obtained from the seeds, and the refuse is made up into oil-cake for cattle-feeding. The cotton plant is now cultivated pretty generally throughout the tropical and sub-tropical regions of the earth. The principal cotton-producing states of the United States are Texas, Mississippi, Georgia, Alabama, the Carolinas, Arkansas, Oklahoma, Louisiana and Tennessee.

In some parts of Africa perennial cotton grows; and cotton is cultivated in Brazil; throughout the torrid and temperate belts of Central America; in Peru it ranks first among the products; and it forms the bulk of Egyptian exports; it is also a leading crop in India. The "Sea-Island" Cotton of the United States and Egyptian Cotton are the most highly prized varieties. The world's production of cotton amounts to over 13½ million bales of 500 pounds, of which 10 millions are produced in the United States, leaving 3½ million bales to be grown in Egypt, India and Brazil. The United Kingdom imports 3,683,250 bales: from the United States (2,850,000), Egypt (433,750), Brazil (165,000), India (164,500), other countries (70,000). British imports of raw cotton reach an annual value exceeding 60 million pounds; and British exports, consisting of home produce of manufactured cotton, exceed in value 80½ millions sterling and of cotton yarn 12 million pounds. The manufacture is mainly carried on in South Lancashire, where Manchester, Salford, Bolton, Oldham, Blackburn, Preston, Burnley, Rochdale, Wigan, and Bury are engaged in various branches of the trade. The number of spindles employed in the United Kingdom is 57 millions; in the United States 19 millions; Germany and Russia each 8 millions; France 5½ millions; India 5 millions. It should be noted that cotton fabrics are successfully manufactured in imitation of woollen, linen and silk goods of all kinds.

Cowries, the small white glossy shells of *Cypræa moneta*, abundant on Asiatic and African shores, are used as money for the payment of small sums in India and some parts of Africa, one hundred being equivalent to a penny.

Crape, a thin silk fabric tightly twisted, without removing the natural gum, is used for mourning. It was formerly manufactured at Norwich, but it is much less used than it once was. A very successful imitation of crape is manufactured in Lancashire from cotton-yarn.

Cream of Tartar, a white crystalline compound, is made by purifying argol, or bitartrate of potassium.

Cryolite, a mineral found on the coast of Greenland, consisting of the fluorides of aluminium and sodium is used for the preparation of fluorine.

Cubic Nitre, the name given to the deposits of sodium nitrate found encrusting the soil in the arid regions of Chile and Peru, also called CHILE SALTPETRE, forms a valuable fertiliser.

Cudbear, a purple or violet dye, is prepared from several species of lichen of the genera *Lecanora* and *Roccella*.

Currants are small raisins or dried grapes imported from the Levant and chiefly from the Ionian Islands. The United Kingdom import varies from a million to 1½ millions sterling annually.

Cutch is a tanning principle allied to CATECHU (q.v.), but extracted from a different plant.

Cutlery is the name given to edge-tools of all kinds, for which Sheffield is especially noted. The United Kingdom export averages ¾ of a million sterling and the import £150,000.

Cuttlefish is a kind of mollusc with an internal soft shell, called cuttlebone, used for making tooth powder and polishing the softer metals.

Cypress (*Cupressus sempervirens*), a tree of the Nat. Ord. *Coniferæ* producing an almost imperishable timber.

Dairy Produce, a term including butter, cheese, cream and milk. British imports of Dairy Produce are: butter (£23 millions), cheese (£7 millions).

Damar, or **Dammar**, is the resin exuding spontaneously from several species of pines growing in the East Indies.

Damask is a figured fabric, originally of silk, now of cotton, linen or wool, the pattern being woven, not printed.

Dates, the fruit of the date palm (*Phœnix dactylifera*), are exported to the United Kingdom from Tunis, *via* Marseilles, and are commonly described as Tafilet Dates.

Deals are thin fir planks much used in carpentry, imported from Dantzic, St. Petersburg, and other Baltic ports; and from Canada; but Christiania deals bring the best prices. British imports of Fir timber amount to about 20 millions sterling annually. White deal is furnished by Norwegian spruce fir (*Abies excelsa*); yellow deal, by the Scotch fir (*Pinus sylvestris*); floor-boards, by the Silver fir (*Abies picea*).

Diamonds usually occur in the form of octahedral crystals; in composition they are the purest form of carbon; in colour white and clear—"of the first water"—yellow, green, pink and blue. The impure dark or black variety, known as CARBONADO and the fragments useless as gems are employed as diamond-powder (BORT) for polishing and cutting purposes, such as diamond-drilling. At the present time the production of diamonds in South Africa (Kimberley) far exceeds the output of all other regions of the world—India, Brazil, and British Guiana. During the five successive years 1904–1908 diamonds valued at over 36 millions sterling have been exported from South Africa. The British import from the Cape of Good Hope varies from 4 to 9 millions sterling.

Diaper is an unbleached linen cloth woven in dimly defined figures for towels, and table linen.

Dividivi, the commercial name given to the curved pods of *Cæsalpinia coriaria*, a tree of the Nat. Ord. *Leguminosæ*, native of the salt marshes of Curaçao and Carthagena in South America, which are mixed with oak-bark and valonia for tanning purposes.

Dragon's Blood is the name applied to the resinous exudation of several species of trees of the East and West Indies used for colouring. The eastern product is the resin of *Calamus draco*, a large species of rattan.

Drugs include substances used in the composition of medicine, the name being originally applied to dry herbs. The most important drugs of commerce are Peruvian Bark and Opium. British imports amount to nearly 1½ millions and the exports to 1¾ millions.

Durra, Guinea Corn or **Turkish Millet** (*Sorghum vulgare*) is a cereal imported to the United Kingdom from northern Africa for feeding poultry. As it is much used by the black population of the West Indies as food it has been termed NEGRO CORN. The poorer peasants of Italy employ it as a food grain, and it is cultivated in the United States as a forage crop; in the East and West Indies and in southern Europe. India is its native country.

Dyes include Anatto, Brazil wood, cochineal, cutch, galls, garancine, indigo, lac, logwood, madder, myrobalans, Nicaragua wood, sepia, sumach, Terra Japonica, turmeric and valonia (q.v.).

The British average annual import of these substances is 2¼ millions.

Dynamite, a powerful explosive, consists of some porous substance, such as silica, saturated with nitro-glycerine.

Earthenware or **Crockery**, is the name given to the commoner kinds of pottery, made of clay and hardened in the fire. In England it is manufactured in and around the federated county borough of Stoke-upon-Trent, in Staffordshire, in a district termed "The Potteries," where it is dependent upon the fine quality of the clay found in the locality. In the United States the principal potteries are in Trenton, New Jersey and East Liverpool, Ohio. The fine clays found in the

weathered felspar rocks of the Central Plateau in France gave rise to the famous potteries of Limoges. Finer qualities are termed porcelain (q.v.). The exports of earthenware from the United Kingdom are valued at 2¼ million pounds.

Ebony is the black heart wood of *Diospyros ebenus*, Nat. Ord. *Ebenaceæ* of Madagascar, Mauritius, Ceylon and the Cape, or of other kinds as the West Indian Ebony (*Brya*) and East Indian Ebony (*Dalbergia latifolia*) both of the Nat. Ord. *Leguminosæ* the latter a native of Ceylon, also growing in Java, Sumatra and the Philippine Islands.

Eggs are imported into the United Kingdom from France, Denmark, and Russia of the annual value of 7¼ millions sterling.

Eiderdown, the softest and most valuable down that exists, is the product of the Eider duck (*Anas mollissima*) which robs its own breast of feathers in order to provide a soft bed for its progeny. The fowlers seek the down on the almost inaccessible rocks of the coasts of Ireland, Scotland, the Faröen, Lapland, Nova Zemlya and Spitzbergen.

Electrical apparatus and goods including lamps, telegraph and telephone instruments, electric wire and cables, are largely manufactured at Silvertown (West Ham). British imports of electrical goods average nearly 2 millions sterling and the export about 3¾ millions.

Elm (*Ulmus montana*), Nat. Ord. *Ulmaceæ*, is a large timber tree the wood of which is suited for works which are constantly wet.

Emerald, a deep green gem, a transparent variety, of beryl (q.v.).

Emery, the coarser forms of corundum powdered for use as an abrasive material. See ALUMINA.

Ermine (*Mustella erminea*), inhabits Siberia, Russia, Norway and Sweden, clothed in winter with snow-white fur which changes in summer to brown, the tail only being jet black all the year round. The number of skins imported into the United Kingdom is enormous as the fur is manufactured into royal and princely robes, muffs, tippets, trimmings and linings.

Esparto (*Stipa tenacissima*), a strong kind of grass found in Southern Europe and Northern Africa, is used for making baskets, cordage and paper. Large quantities, exceeding £700,000 in annual value, are imported into the United Kingdom for the manufacture of paper.

Eucalyptus, the characteristic tree of Australia, the "gum-trees" of the colonists. The blue gum (*Eucalyptus globulus*) yields the eucalyptus oil so largely used in medicine.

Feathers are used ornamentally, for clothing; and for beds. Ostrich plumes stand at the head of ornamental feathers. The Ostrich (*Struthio camelus*) is a native of Northern and Central Africa; and feathers are imported into the United Kingdom from Aleppo, Alexandria, Algiers, Cairo, Tunis, Senegal and Madagascar. The chief import, however, is from South Africa, where ostrich farming is an important occupation, and plumes of the value of about 1¾ millions sterling are imported into the United Kingdom annually. Other birds yielding feathers for ornaments are the Little Egret (*Herodias leuce*) of the Mediterranean region; the Great White Heron (*Ardea alba*) of Central Asia and Africa; the Adjutant (*Leptoptilis argala*) of India and the African Adjutant (*L. marabou*). Many other birds supply beautiful plumage, as the Bird of Paradise (*Paradisea apoda*) of New Guinea; gold and silver pheasants; peacocks of several species; and the Argus pheasant. The skin of the swan is used for muffs, as are those of the penguin, puffin and grebe. The value of the ornamental feathers annually imported into the United Kingdom is about three-quarters of a million sterling; and that for beds exceeds £100,000.

Figs are the fruit of *Ficus carica*, Nat. Ord. *Urticaceæ*, a tree flourishing in Southern Europe, on the islands of the Mediterranean, in Asia Minor, northern Africa and the Canary Islands. Figs are imported into the United Kingdom from Turkey and Greece; Maltese figs are of good quality; but the best are brought from Smyrna under the name "Eleme" or "Elemi."

Fir, see PINE.

Firearms are manufactured at Birmingham. The Government small arms factory is at Enfield.

Fish.—The British imports of fish average 3 millions sterling and the exports 3¾ millions.

British exports of FISHING TACKLE are annually valued at £350,000.

Flagstones are large slabs of shale, sandstone or granite; but recently "artificial stone" has been introduced for paving purposes.

Flannel has long been made in the upper valley of the Severn and the manufacture is still carried on at Llanidloes, Newtown and Welshpool. The annual export of flannels from the United Kingdom averages £300,000.

Flannelette, a cotton fabric made in imitation of flannel in South Lancashire.

Flax, the fibre of the inner layer of *Linum usitatissimum*, an annual herb belonging to the Nat. Ord. *Linaceæ* has been cultivated from time immemorial for the manufacture of linen. Besides the cultivation of flax to a considerable extent in Ireland, it is largely grown in Russia, Italy, Germany, Belgium and the North of France. The seeds of the flax-plant, called Linseed, are very largely imported for the expression of the valuable Linseed Oil which they contain. The refuse of the seeds, after the oil is expressed, is made into Linseed Cake or "Oil Cake" used to feed cattle. In England and the United States flax is grown chiefly for the sake of its seeds; and the ground flax-seed forms linseed meal, much used in medicine. In addition to the countries above mentioned, flax is grown in Argentina, but the Belgian product is considered the best in the world. The import of flax into the United Kingdom reaches the annual value of 2½ millions sterling and we export about 7½ millions sterling of linen goods, and linen yarn valued at about a million pounds. The manufacture is chiefly carried on in Ulster, in and around Belfast; at Barnsley, in the West Riding; at Darlington, in Durham; and Dundee, in Scotland.

Flour is the finely-ground meal of wheat from which the outer coat has been removed. Much American flour finds its way to the sea through the great lakes; but as the north-west of the United States and Western Canada are becoming wheat-growing areas a portion of the produce finds an outlet to the Pacific Ocean. See WHEAT.

Flowers are annually imported into the United Kingdom valued at £230,000, from the South of France, this supply being quite independent of our home sources—the Channel and Scilly Islands.

Fluorite or **Fluor Spar,** a compound of calcium and fluorine is one of the most beautiful of minerals occurring in cubical crystals of nearly all colours, as in the well known Derbyshire spa. Hydrofluoric acid used for etching glass is obtained from fluorite.

Frankincense, the resinous juice that exudes naturally from *Pinus abies*, *P. balsamea* and *Larix*, gradually hardens on exposure to the air.

Fruit culture is an important industry in many countries. In the United States apples are grown for export. The Pacific states—especially California—are particularly favourable for the cultivation of many varieties, as oranges, lemons, raisins, apricots, figs, prunes and olives. Florida, with a sub-tropical climate produces oranges, lemons and pineapples. The culture of apples is largely carried on in Canada—Ontario and Nova Scotia. The West Indies export bananas. See under Bananas, Citrons, Dates, Figs, Grapes, Lemons, Oranges, Pineapples, Pomegranates, Prunes and Tamarinds. The British import trade in fruit of all kinds amounts to nearly 14 millions sterling.

Fullers' Earth, a chemical compound of silica and water. It is employed in the preparation of wool, for extracting superfluous fat, and occurs plentifully in Bedfordshire, Buckinghamshire, Gloucestershire, Hampshire and Surrey.

Furniture, the term applied to the moveables, either useful or ornamental, with which a house is

equipped, forms a considerable item in commerce, as the United Kingdom imports average £700,000 and the exports reach a similar amount.

Furs are derived from the animal kingdom and chiefly from the Carnivoræ and Rodentiæ. The most costly are yielded by the Weasel group—which includes the ermine, sablo, mink, polecat, marten, weasel, otter, and skunk. The group which includes the bears also supplies valuable furs as bear, raccoon, badger, wolverine or glutton. Among the rodents the beaver, muskrat or musquash, nutria or coypu rat, squirrel, chinchilla, hare and rabbit yield furs. Import 9 millions sterling.

Fustian is a coarse twilled cotton fabric including moleskin, corduroy and velveteen.

Fustic is the wood of a West Indian tree, *Maclura tinctoria*, Nat. Ord. *Urticaceæ*, a species of mulberry which grows in the West Indies, and yields yellow, olive, brown and green dyes.

Galena, the sulphur ore of lead, a highly crystalline mineral occurring in cubes and octahedra, is found in England and Spain.

Galls, produced on the leaves and twigs of *Quercus infectoria* in Asia Minor are imported for the manufacture of gallic and tannic acid used in photography and the manufacture of ink.

Gambier, an astringent substance much used in tanning and dyeing is prepared from the leaves of *Uncaria acida* and *U. gambir*, East Indian shrubs.

Gamboge, the gum-resin obtained from a tree growing wild on the coasts of Ceylon and Malabar, supplies a water-colour pigment. It is imported from Ceylon, Cochin China and Siam. The name is a corruption of Cambodia, and the substance is a powerful acrid poison.

Garnets are made by cutting transparent varieties as *Pyrope*, a magnesia garnet; *almandite*, an iron-garnet; *hessonite*, or "cinnamon stone," a lime-garnet.

Gas.—The four elements occurring in the form of gases at ordinary temperatures, but which can be liquefied by intense cold and pressure, are chlorine, hydrogen, nitrogen and oxygen. COAL GAS is manufactured by the destructive distillation of coal in retorts, the carbon remaining behind as "coke." Coal-gas consists principally of carburetted hydrogen. NATURAL GAS, closely related to petroleum, both in origin and distribution, occurs in Pennsylvania, West Virginia, Ohio and Indiana; also in California and Kentucky. It is used as fuel in the manufacture of iron, steel and glass. WATER GAS, another kind now largely used for melting steel, consists of hydrogen and carbon monoxide, with a little carbon dioxide and burns with a pale non-luminous very hot flame. When used as an illuminant a mantle of thoria, the dioxide of a rare metal, thorium, is introduced into the flame, and being thus intensely heated yields a powerful light. GASOLINE is rectified petroleum.

Gelatine is an animal substance which dissolves in hot water and forms a jelly when cold. An explosive form is made by gently heating nitro-glycerine in a water-bath and dissolving gun-cotton.

Geneva or **Hollands**, also called **Schiedam**, is a spirit distilled from grain and flavoured with juniper berries. The name is a corruption of the French *genièvre*, a term for the juniper berry.

German Silver, an alloy of copper, nickel and zinc, silver white in colour, is so-called because first made in Germany.

Ghee, Indian clarified butter, is generally prepared from buffalo milk.

Gin, a contraction of Geneva is a spirit much made in London and Plymouth, of grain flavoured with juniper berries.

Ginger consists of the creeping subterranean stem of *Zingiber officinale*, an elegant reed-like plant native of the East and West Indies. The varieties known in commerce are Jamaica, Barbados, Malabar, African and East Indian. The first named is generally considered the best.

Ginseng, yielded by a species of *Panax*, Nat. Ord. *Araliaceæ*, growing in the north of China and Manchuria, is highly esteemed as a restorative medicine by the Chinese though it possesses no active medicinal properties whatever.

Glass is manufactured from fine quartz sand, sodium or potassium carbonates, lime and lead oxide. In BOHEMIAN, or potash glass, silicates of calcium and potassium are the principal ingredients; as this form is difficult to fuse it is used in the manufacture of vessels for chemical operations. Ordinary BOTTLE GLASS contains oxide of iron in large quantity. FLINT GLASS, which takes a high polish, is essentially a silicate of potassium and lead. OPTICAL GLASS contains over 40 per cent. of lead; and glass employed in making artificial jewellery is more than half lead oxide. Glass is made at Newcastle-upon-Tyne, St. Helens (Lancashire); at Glasgow and in London. Bohemian glass is of world-wide renown. British imports $2\frac{3}{4}$ millions, exports $1\frac{1}{2}$ millions.

Gloves are manufactured in Denmark to a large extent. Leather gloves of superior quality are made at Woodstock and Worcester; at London, Yeovil, Ludlow and Leominster. Cotton gloves are made in Nottingham and Leicester.

Glucose, the peculiar kind of sugar contained in the juice of fruits, and also the sugar obtained by the action of sulphuric acid upon starch, is used in brewing.

Glue is an adhesive substance obtained by boiling the skin and hoofs of animals. The United Kingdom import of glue is valued at £450,000 and the export at £200,000. The import of glue stock is £120,000.

Glycerine, a colourless, viscid fluid, sweet to the taste, soluble in water and alcohol is manufactured from animal fat.

Goats supply certain wools of commerce. Thus the Angora Goat (*Capra angorensis*) of the mountains near Angora, in Asia Minor, was first brought into European markets under the name of MOHAIR. It is imported into the United Kingdom from Smyrna and Constantinople and manufactured into velveteens, plushes and braids at Bradford. Cashmere shawls are made from the delicate, downy wool found at the base of the hairs of the Tibet Goat (*Capra hircus*).

Gold, a widely diffused metal, is usually found in quartz veins and river gravels. Its general form is NATIVE GOLD, an alloy nine-tenths pure gold and about one-tenth silver. All native gold has silver with it; which in ELECTRUM amounts to 20 per cent. Gold is highly ductile and malleable, Sp. Gr. 19. The most productive gold regions of the world are British Africa, about 17 millions sterling annually; Australasia, 16 millions; United States, 15 millions; and Canada $4\frac{3}{4}$ millions sterling. In South Africa the greatest proportion of the gold-yield is from the conglomerates of Witwatersrand round Johannesburg. Australian gold is found in all the Commonwealth States, but especially in Western Australia, Victoria and New South Wales. The states of the American Union yielding most gold are California, Colorado, and Dakota. The United Kingdom imports gold from South Africa, $12\frac{1}{2}$ millions sterling; Australasia, $5\frac{1}{2}$ millions; East Indies, $3\frac{1}{4}$ millions; Europe, 2 millions; and South America, 1 million.

Grain is the commercial name for the produce of cereal and leguminous crops. The British trade import of these commodities is enormous amounting to $75\frac{1}{2}$ millions annually.

Granite, the most beautiful and one of the most useful of the commoner rocks, is made up generally of the three minerals quartz, felspar and mica. When hornblende is present in quantity replacing the mica we have HORNBLENDIC GRANITE; and when it replaces both quartz and mica, the rock is termed SYENITE, from Syene in Egypt. Granite is quarried for commercial purposes at Shap Fell, Westmorland, in Cornwall and on Dartmoor, in Devonshire; but the best granite for architectural work comes from Aberdeen and Peterhead. Norwegian granite is famous and America has large supplies.

Grapes, the fruit of the vine, *Vitis vinifera*, Nat. Ord. *Vitaceæ*, are imported fresh from Sicily and

Lisbon, packed in wood or cork-dust; as RAISINS from Valencia; as SULTANAS, or stoneless raisins, from Smyrna and Damascus; MUSCATELS, from Malaga; and CURRANTS from the Ionian Islands.

Graphite, or plumbago, an iron-black or steel-grey mineral, familiar as the so-called "black-lead" of pencils, is a form of carbon, so soft as to be easily cut with a knife and with a specific gravity just above 2. Graphite is useful as a lubricator, when pulverised; and it is mixed with clay in the manufacture of crucibles. Much commercial graphite is obtained from Siberia; and there are large deposits in Canada and Newfoundland. Import into United Kingdom, £250,000.

Guano, the more or less fossilized dung of sea-birds, is collected on the islands of Peru and Chile; and on Malden in the Pacific Ocean. Import into United Kingdom averages £150,000.

Gums, the thickened juices of certain plants soluble in water, but not in alcohol, include Gum Arabic and gamboge. GUM ARABIC flows naturally from the trunks and branches of *Acacia vera*, and *A. arabica*, Nat. Ord. *Leguminosæ*, which grow in abundance in Arabia, in Egypt and on the banks of the Nile. It is exported from Aden, Mocha, Suez, Cairo and Alexandria. GUM SENEGAL, transparent as glass, is the best and most expensive of Arabian gums. GUM TRAGACANTH, yielded by *Astralagus tragicantha*, is exported from Smyrna. These gums are principally employed in the manufacture of silk, crape and muslin to stiffen and glaze the fabrics. They are also used in calico-printing.

Gun Cotton, an explosive prepared by saturating cotton with nitric acid, is manufactured at Stowmarket, in Suffolk.

Gun Metal, see ALLOYS.

Gunpowder usually consists of 75 per cent. of potassium nitrate, 12 per cent. of sulphur and 13 per cent. of charcoal. The English Government Powder Mills are at Waltham, in Essex.

Gutta Percha is the resin of *Palaquium gutta*, a magnificent tree of the Nat. Ord *Euphorbiaceæ*, growing in the Malay Archipelago. It is employed chiefly in the construction of submarine telegraph cables. Annual import into United Kingdom averages £400,000.

Gypsum, the hydrated calcium sulphate, is a soft mineral easily scratched with the finger nail. The variety known as SELENITE, or Moonstone, is transparent; a commoner form is ALABASTER. On heating any of these substances the water is driven off and the substance falls into powder, the well known PLASTER OF PARIS, which on being united with the proper quantity of water sets hard forming the substance we know so well in plaster casts. There are beds of gypsum below the London and Paris Basins, and in the valley of the Trent.

Haberdashery includes small drapery wares, such as ribbons, tape, thread, cotton, and such like. British exports average about 1½ millions annually.

Haddock, a fish of the codfish family largely used for food, both fresh and smoked, abounds in the North Sea. Aberdeen and Finnon haddocks are famous.

Hair of animals is imported for manufacturing purposes; annual amount £450,000.

Hardware is the trade name for all articles made of the common metals, such as iron. The towns engaged in the manufacture of hardware in England are grouped round BIRMINGHAM as a centre and market, where BILSTON, in South Staffordshire, makes nails, wire, screws, tin-plate and machinery; BROMSGROVE, nails and buttons; DUDLEY, nails; OLDBURY, railway plant and edge-tools; REDDITCH, needles, pins and fish hooks; WALSALL, saddlers' ironmongery; WEDNESBURY, boiler-plates, bar-iron, gas and steam tubes; WEST BROMWICH, gun barrels, axle-boxes, swords and bayonets; fireirons and fenders, locks and safes, cooking ranges and gas-stoves; WOLVERHAMPTON, locks and keys. The British trade movement in hardware includes an import of over half a million sterling and exports valued at 2½ millions.

Hats are made of straw-plait at St. Albans, Bedford and Luton; in Tuscany and Leghorn. Felt and silk hats are made in London. The commercial movement in felt hats is import £60,000; export £950,000.

Hay, the most important forage crop, is made by drying meadow grasses, clover and lucerne, the two last named being leguminous plants. British imports of hay average £250,000.

Hematite, the red oxide of iron, the most important ore, containing 70 per cent. of metal, occurs in kidney shaped masses. Varieties of this ore are SPECULAR IRON, so lustrous as to reflect light; and the pigment RED OCHRE. Red Hematite is found largely in England; and Brown Hematite, a hydrous oxide, occurs in Cumberland and yields about 60 per cent. of metal.

Hemp (*Cannabis sativa*) a plant of the Nat. Ord. *Urticaceæ* has been cultivated from a remote period in temperate climes for its fibre, which is longer and stronger than flax, and from which sail-cloth, sacking and cordage are manufactured. The imports to the United Kingdom are from Russia, Austria Hungary, Italy, the Philippine Islands and British India. The British imports of hemp average 3 millions sterling.

Henequen, the fibre known as SISAL HEMP, of the agave or maguey, grows in Mexico, Yucatan, and the Bahamas. It does not rot in sea water, and is valuable for ships' cables.

Herrings (*Clupea harengus*) appear in vast shoals off the coasts of Britain from July to November. The British herring fisheries are chiefly carried on off Galway; in the estuary of the Shannon, at Bantry; and off Waterford, in Ireland; in Cardigan Bay and off Swansea, in Wales; off Hastings, Folkestone, Lowestoft and Yarmouth, in England; and off the shores of Berwickshire, Moray, Banff, Aberdeen, Ross, Sutherland and Caithness in Scotland. Shetland has developed into a great fishing station. Herrings are pickled, smoked, dried and bleated, or half cured. The British export of these fish averages 4 millions sterling.

Holland, a coarse unbleached linen fabric used for covering furniture. The name was originally applied to a fine linen first made in Holland.

Hollands, see GENEVA.

Honey is the produce of the Honey Bee (*Apis mellifica*), Order *Hymenoptera*, an insect rarely found in Europe except domesticated. Honey and wax are imported into the United Kingdom from Canada, Africa, Madras and California.

Hops, the bracts of the inflorescence of *Humulus lupulus*, Nat. Ord. *Urticeæ*, are imported into the United Kingdom chiefly from Holland, Belgium and the United States; while some of splendid quality have been received from Australia. The British import averages three-quarters of a million and the export about £50,000. The culture of hops in England is chiefly confined to the counties of Kent, Sussex, Worcester and Hereford.

Horns, tips and pieces of horns and hoofs of the average annual value of £150,000 are imported into the United Kingdom.

Hosiery, including socks and stockings, is manufactured in Leicester and Nottingham; the former being celebrated for woollen, the latter for cotton hosiery.

	Import.	Export.
Cotton Hosiery	£1,500,000	£500,000
Woollen ,,	£400,000	£1,500,000

Ice sold in England is imported from Norway. British import averages £170,000.

Indian Corn, see MAIZE.

Indiarubber, see RUBBER.

Indigo, an Indian shrub of the Nat. Ord. *Leguminosæ* from which the dye is obtained by decomposing the plants of *Indigofera tinctoria*, *I. anil* and *I. coerulea*, when the colouring matter, which sinks to the bottom is dried and cut up into cakes. The plants are principally grown in Bengal, Java, the Philippine Islands, Egypt, the West Indies and British Honduras; but by far the finest quality and the greatest quantity is imported from Bengal. The import is valued at £140,000.

Iodine is obtained from "caliche" or crude sodium nitrate (cubic nitre) imported from Peru and Chile. The largely used antiseptic, IODOFORM, a yellow solid, is prepared by the action of iodine and caustic potash upon alcohol.

Ipecacuanha, an important emetic medicine, is yielded by the roots of *Cephalis ipecacuanha*, a small perennial plant of the Nat. Ord. *Cinchonaceæ* growing wild in Brazil and cultivated in India.

Iridium, the most infusible and one of the heaviest of the metals, found associated with platinum, is so called from the iridescence of some of its solutions.

Iridosmium is the native alloy of iridium and osmium used for the points of gold pens.

Iron occurs native in meteorites and scattered in grains and nodules in the basalts of Greenland. The iron of commerce, however, is almost exclusively obtained from ores the oxides of iron:—HEMATITE, the red oxide; LIMONITE, the brown oxide; MAGNETITE, the magnetic ore and SIDERITE, the carbonate. The purest commercial form of metal is wrought iron. Steel contains a proportion of carbon; and cast iron more carbon still, and in addition, silicon, sulphur, phosphorus and manganese. The purest wrought irons are Swedish and Welsh, with less than a quarter per cent. of foreign substances. Russian and Low Moor iron are not quite so free from admixture. The world's production of Iron Ore in millions of tons is as follows; United States (29), Germany (14¾), United Kingdom (12¼), Spain (8), Russia (5½), France (4¾), Austria-Hungary (3½), Swedon (2¾), other countries (4½). The United Kingdom imports iron ore chiefly from Spain, 5¼ million tons.

The world's annual production of PIG IRON is as follows in millions of tons: United States (19), Germany (10), United Kingdom (9), France (2¾), Russia (2½), Austria-Hungary (1½), Belgium (1¼), other countries (1½). The STEEL PRODUCTION of the world is shared as follows in millions of tons: United States (13½), Germany (7½), United Kingdom (5), France (1½), Belgium (½).

In the United Kingdom the manufacture of iron is carried on in the Lowmoor District, near Halifax, in Yorkshire; in Staffordshire, round Wolverhampton and Wednesbury; in North Wales, round Ruabon; in South Wales, at Merthyr Tydfil, Tredegar, Aberdare and Dowlais; in the Cleveland Hills of the North Riding at Middlesbrough. Iron ore is also worked among the sands of Northampton. The British trade movement of iron reaches an immense value:—Import, 14¾ millions; export, 41 millions sterling.

Isinglass, a substance prepared from the air-bladders of the sturgeon, is used in the clarifying of white wines and malt liquors; also in cookery. Russian isinglass is better than that imported from Hungary and Germany. Import into United Kingdom average annual value £110,000.

Ivory is derived chiefly from the tusks of Asiatic and African elephants, the latter being the more valuable. African elephants' tusks are obtained in Senegambia, Guinea, Mozambique and Sofala, being brought from the interior by caravans and shipped at Alexandria, Cairo, Tripoli and Tunis. Ivory is also imported from Bengal, Burma, Ceylon, Cochin China, Java and Sumatra. The manufacture of articles in ivory is carried on to a great extent at Birmingham and Nuremberg; at London and Sheffield; Paris and Dieppe. Included under the term ivory are the tusk of the narwhal, and the teeth of the walrus and hippopotamus. The United Kingdom import is valued at about half a million sterling.

Jade, a dark green stone used for ornamental purposes is found in Burma and New Zealand.

Jams and preserved fruits are exported from the United Kingdom, the average annual value exceeding a million sterling.

Jarrah is the most valuable tree found in the forests of Western Australia. It is sometimes called Australian mahogany and is a species of eucalyptus attaining a height of from ninety to a hundred feet, the finest forests occurring within twenty or thirty miles of the sea and on soils impregnated with iron. The timber is successfully employed for boats, bridges, furniture, railway-sleepers and street paving.

Jasper, employed by jewellers for seals, is a hard siliceous mineral varying much in colour.

Jet, a bituminous substance resembling cannel coal, but with a blacker hue and more brilliant lustre, occurs in the aluminous shale of the Upper Lias at Whitby, in the Alps, Asturias, Languedoc, Galicia and Massachusetts.

Jewellery is imported into the United Kingdom valued at £400,000 annually, and there is an export of about £135,000.

Jute, a valuable Indian fibre, yielded by *Corchorus capsularis*, an annual of the Nat. Ord. *Tiliaceæ*, is of great length and satin-like lustre. Sometimes mixed with silk in the manufacture of cheap satins, its principal use is in making coarse canvas, or gunny. Cotton, dye-stuffs, oil-seeds, rice and sugar are all exported from India in gunny-bags. Jute fabrics are largely manufactured at Dundee, Barrow-in-Furness, and Barking (Essex). Imports of Jute 9 millions sterling; export 3½ millions.

Kaolin, the almost pure clay used in the manufacture of porcelain, is supplied by the decomposition of the felspar of granite, especially when the mineral contains soda. These clays are found and artificially prepared in Cornwall, Devon, France, Belgium and Germany.

Kapok, or vegetable down, the cottony or silky fibre covering the seeds of a species of silk-cotton tree, is used for stuffing pillows.

Karri, a timber-tree of Western Australia, one of the *Eucalyptus* genus, Nat. Ord. *Myrtiaceæ*, sometimes attains a height of 300 feet. Forests of this magnificent tree are found in a well-watered district surrounding Geographe Bay near the south-western angle of the continent. The timber is applied to the same uses as Jarrah, and for street-paving is preferred, as its surface does not wear so smooth under heavy traffic. Many London streets are paved with Karri-blocks.

Kauri Pine (*Dammara*), the largest tree of New Zealand, Nat. Ord. *Coniferæ*, yields good timber for building purposes and resin for making varnish, called a kauri-gum. The best "gum" is found in a semi-fossil state beneath the trees, or in the ground where they once stood.

Kermes, a scarlet dye-stuff, is furnished by the bodies of the females of a species of Coccus, found on *Quercus coccifera* of Southern Europe.

Kerosene, an oil similar to petroleum, is obtained from bituminous coal by distillation.

Kola-nuts, the fruit of an African tree, possess stimulating properties.

Lac is the exudation found on the bark of the Indian fig (*Ficus indica*) and the Banyan fig (*F. religiosa*) when punctured by the lac insect (*Coccus lacca*). A scarlet dye is extracted from lac, and it is mainly used in the manufacture of sealing-wax.

Lace of three distinct varieties is manufactured; two by handiwork, known as needle, or point-lace, and pillow, or bobbin-lace; and one by machinery. ALENÇON is a very fine point lace, the most important made in France. BRUSSELS is an extremely fine lace, with sprigs applied to a net ground. DUCHESSE LACE is a Belgian pillow lace having beautiful designs with cord outlines in relief. GUIPURE is a lace without a net ground, the pattern being held together by bars. HONITON, a lace made in the town of that name in Devonshire and its neighbourhood, is remarkable for the beauty of its figures. MECHLIN is a lace with bobbin ground and designs outlined by threads or flat bands. SPANISH is a needle-point lace, probably of Flemish origin. TAMBOUR is a modern lace with needlework embroidery on machine-made net. TORCHON is a peasants' bobbin lace of loose texture and geometrical design often imitated by machinery. VALENCIENNES is a bobbin-lace, the design and ground being made of the same thread. MACHINE-MADE LACE is largely produced at Nottingham. The British

imports of lace exceed 3 millions and the exports are nearly 5 millions.

Lacquer is a varnish made of lac and alcohol.

Lapis Lazuli, a mineral of a beautiful blue colour used in ornamental and mosaic work and for sumptuous altars and shrines, is found in China, Persia and Siberia. ULTRAMARINE was formerly made of this substance.

Larch (*Larix europeæ*) is a tree of the Nat. Ord. *Coniferæ*, bearing deciduous leaves. The wood is largely used for railway sleepers and scaffold poles; and the larch of Italy yields Venice Turpentine.

Lard, the melted fat of the hog, is imported from the United States in large quantities. Annual value, 4½ millions sterling.

Lawn, fine linen or cambric, is used for ecclesiastical vestments, etc.

Lead (Latin *plumbum*), is rarely found native; its best known ore, GALENA, the sulphide of the metal, occurs in almost every kind of rock, associated with blende, the sulphide of zinc whence the united mass is known as lead-zinc ore. In many cases this ore is largely silver-bearing (argentiferous) and this fact makes the mining of lead profitable. As an alloy with tin, lead makes PEWTER and SOLDER; with antimony, TYPE-METAL. In the manufacture of shot and rifle-bullets a small proportion of arsenic is added. The WHITE LEAD of painters is the carbonate, which is also an important lead ore. The largest lead producing countries of the world are the United States, Spain, Germany, New South Wales and Mexico. Carboniferous Limestone rocks are the source of part of our supplies of Silver-lead, which is found in the Pennines, especially in the Peak District. Lead also occurs in the slates of the Isle of Man, South Wales and Cornwall and in the Lowther range. British imports of lead amount to 3¾ millions and the export to nearly a million.

Leather.—BUFF and CHAMOIS leather are prepared with oil. RUSSIA LEATHER is tanned with willow-bark and then treated with oil from the bark of the birch. MOROCCO LEATHER is made from goat and sheep-skins, tanned with sumach. The imports of Leather and dressed hides into the United Kingdom reach the annual value of 9½ millions sterling; of hides and undressed skins 11½ millions. Leather goods, including boots and shoes, are manufactured in London, Northampton, Stafford, Leicester, Norwich, Walsall, and many other places.

Lemons, the fruit of *Citrus limonum*, a native of the Himalayas, now cultivated in all warm climates, are imported to the United Kingdom from Italy, Portugal and Spain.

Licorice consists of the roots of *Glycyrrhiza glabra*, Nat. Ord. *Leguminosæ*, a perennial plant growing in Spain, Italy and Sicily; at Pontefract, in the West Riding and Mitcham, in Surrey. The imports of the United Kingdom consisting of the extract of the roots are brought from the Spanish provinces of Aragon, Catalonia and Valencia in sticks and bars under the name of Spanish juice.

Lignite, or BROWN COAL, a Tertiary deposit, is found in Breslau, on the Rhine, in Germany, on the Danube, and the shores of the Baltic; in Styria, Tuscany, Nova Scotia, New Zealand, Devonshire and County Antrim. See COAL.

Lignum Vitae, the hardest and heaviest wood known, of a dark olive colour, the timber of *Guaiacum officinale*, Nat. Ord. *Zygophyllaceæ*, of Jamaica, is imported to the United Kingdom, and chiefly used for ship-blocks and pulleys.

Lime, Calcium Oxide, is prepared by heating limestone; and in this state, called QUICKLIME, readily combines with water, evolving great heat and the formation of Calcium Hydrate or slaked lime, so much used in the preparation of cement and mortar.

Lime (*Citrus limetta*), Nat. Ord. *Aurantiaceæ*, a fruit resembling a lemon but smaller, is imported green for the manufacture of LIME JUICE, a preventive of scurvy, used especially on board ship.

Limestones, all Carbonates of Calcium, are among the commonest of rocks. MARBLE is a crystallised form; and there are limestones of various degrees of hardness from the most crystalline to the powdery CHALK. In England limestones occur in the rocks of the Upper Silurian Age—WENLOCK LIMESTONE, Shropshire; in the Old Red Sandstone of Devon and Cornwall; in the Carboniferous Period—MOUNTAIN LIMESTONE of the Pennine Range;—in the Lias and *Oolite*. DOLOMITES, or Magnesian limestones occur in Permian strata. The best kinds of limestone for building purposes are the OOLITES of Bath and Portland; and the Magnesian limestones of Nottingham and Yorkshire. LITHOGRAPHIC LIMESTONES are furnished by the Oolites of Bavaria; and older rocks in Canada, France, Greece and Portugal. The CARBONIFEROUS LIMESTONES of Derbyshire yield encrinital, productal and black marble. PURBECK and PETWORTH MARBLES are of fresh-water formation. The best white STATUARY MARBLE is obtained from Carrara. CORAL LIMESTONE of recent formation is used as a building stone in the South Sea Islands.

Linen is the general name given to fabrics made of flax, manufactured to a great extent in and around Belfast; at Dundee and Dumfermline in Scotland; and in the West Riding. The export of linen goods from the United Kingdom amounts to about 7½ millions sterling annually, and that of linen yarn to one million sterling.

Linoleum, a preparation used as floor cloth, made of cork refuse treated with linseed oil, whence the name, is largely manufactured at Kirkcaldy, in Fifeshire.

Linseed, the seed of the flax-plant, is largely imported for the expression of the valuable "linseed oil" which it contains. The refuse of the seeds after the oil is extracted is made into "Linseed," or "oil" cake used to fatten cattle.

Liqueurs is the term applied to the numerous alcoholic liquors which are flavoured or perfumed or sweetened to render them more agreeable. BENEDICTINE, once prepared by the monks of St. Benedict, is now distilled at Fêcamp in Normandy. CHARTREUSE, green, white and yellow, was long manufactured by the monks of Grand Chartreuse, near Grenoble, in France. CURAÇOA was first made in the West Indian island of that name. KÜMMEL is a German liqueur, flavoured with cumin and caraway seeds. LOVAGE, is made from an umbelliferous plant of the same name. MARASCHINO is distilled from a species of cherry grown in Dalmatia. NOYAU is flavoured with the kernels of bitter almonds or peach-stones.

Llamas, the camels of South America, inhabiting the slopes of the Peruvian and Chilian Andes, about the size of a deer, yield valuable wools, namely *Llama pacos*, alpaca; *L. vicuna*, vicuna.

Lobsters are imported from Norway, to the number of a million annually. The Scilly Islands and Land's End abound in lobsters, as do several places on the Scottish shores, especially about Montrose; and Jersey lobsters are famous.

Logwood (*Hæmatoxylon campeachianum*), Nat. Ord. *Leguminosæ*, one of the best deep-red and black dyes, is imported from Central America and the West Indies.

Longcloth, a cotton fabric chiefly used for shirting, differs from calico insomuch as the warp and woof are alike.

Lucerne, a valuable forage crop, is a species of *Medick*, Nat. Ord. *Leguminosæ*.

Macaroni, a kind of paste prepared from the glutinous granular flour of hard varieties of wheat, pressed out through a perforated vessel into long tubes and then dried, is manufactured in Italy and California.

Mace, the arillus of the nutmeg, the fruit of *Myristica moschata*, is imported to the United Kingdom from the islands of the Malay Archipelago.

Machinery is annually exported from the United Kingdom amounting to 31 millions sterling, and import 4½ millions.

Mackerel (*Scomber scomber*), the most gorgeous in colouring of British fishes, abounds off the

south and south-eastern shores of England; and of Ireland off Kinsale.

Madder is a red dye extracted from the roots of *Rubia tinctoria*, Nat. Ord. *Rubiaceæ*. The roots are imported whole from India, Turkey, Greece, Spain and France; ground from Holland and Germany. Every shade of red, purple, and lilac can be obtained from madder. A dye, called GARANCE, or GARANCINE, is extracted from the root.

Madeira, a choice wine, produced in the island of the same name, intermediate in flavour between port and sherry; is not so much prized as formerly.

Magnesia is the name applied to the oxide and chloride of the unstable white metal MAGNESIUM, used to obtain a brilliant white light for photographic and other purposes. The chloride is employed in the preparation of cotton goods. The oxide is obtained when the metal is burnt in air. The hydrated sulphate is familiarly known as Epsom salts, and gypsum (q.v.).

Magnetite, an important ore of iron, containing 52 per cent. of metal, occurs principally in Norway, Sweden, Russia and the United States (Pennsylvania and New York).

Mahogany, the timber of *Swietenia mahogani*, Nat. Ord. *Cedrelaceæ*, one of the loftiest and most gigantic trees of the tropics, is a native of the West Indies and Central America. "SPANISH" MAHOGANY is imported from Cuba, Haiti and Jamaica; HONDURAS MAHOGANY from Belize.

Maize, Indian Corn, known as "Corn" in America, the grain of *Zea mais*, Nat. Ord. *Gramineæ*, a native of America, though now introduced into the warmer regions of the Eastern Hemisphere, is the largest of the cereals. Maize is the greatest single crop of the United States, the annual yield amounting to two thousand million bushels, more than four-fifths of the world's total production; the states of highest yield being Iowa, Illinois, Nebraska, Missouri, Kansas, Indiana and Ohio, which constitute the "corn belt." Besides its use as food for man and beast it is important as the raw material of glucose and starch; and the leaves and stalks are used as fodder and "ensilage." The world's supply of maize is produced in the United States, Hungary, Roumania, Italy, Argentina, Southern Russia, Turkey and Egypt. The British import of Maize and Maize Meals exceeds 12 millions sterling.

Malt, see under BARLEY.

Manganese, a metal much like iron obtained principally from its two oxides, PYROLUSITE, the black oxide, and MANGANITE, the red oxide, occurs in nearly all rocks largely associated with iron, zinc, or silver. Manganese is employed as an alloy of iron in the manufacture of steel, and pyrolusite is used to colour glass and pottery purple, brown and black.

Mango is the fruit of an East Indian tree, used in the preparation of chutney; or a green musk-melon pickled.

Manila Hemp, the fibre of *Musa textilis*, Nat. Ord. *Musaceæ*, is used in India for the manufacture of fine muslins, and the elegant Manila hats. The white rope of Manila hemp is the fibre of the wild plantain of the Philippines.

Manioc, Cassava or **Mandioca Meal**, an important article of food in the tropics, especially of South America, is afforded by *Manihot utilissima*, Nat. Ord. *Euphorbiaceæ*. TAPIOCA, the fine starch which settles down from the water used to wash cassava, is granulated upon hot plates.

Manures, or the mineral substances used to enrich the soil as plant food, may be divided into three groups:—limestone, gypsum and phosphates. LIMESTONE, the carbonate, in the form of burnt lime is spread upon the soil; CHALK, unburnt, is applied to clay and sandy soils; and MARL, a clay containing quantities of fossil shells is of local use as a fertiliser. GYPSUM has an important use as a fertiliser, being widely distributed and frequently associated with salt. Two classes of PHOSPHATES are recognised: the mineral phosphate and rock-phosphate resulting from deposits of guano, bone-beds, etc. GUANO is a form of rock-phosphate, resulting from the accumulated excrement of sea-fowl on rocky shores and islands. ROCK PHOSPHATES are immense accumulations of the remains of fossil animals, which have been converted into mineral substances. The remains appear to have accumulated in estuaries. ARTIFICIAL MANURES are prepared from the refuse of fish and other animals, especially bones. The British import of manures exceeds 2½ millions sterling.

Maple is a tree of the North Temperate Zone in both continents. Some species abound in sweet juice, which is collected from the North American Sugar Maple (*Acer saccharinum*) and boiled down into maple sugar.

Marble, see LIMESTONES.

Margarine, the solid ingredient of fat, so-called from its pearly lustre, is made into imitation butter chiefly in Holland and the United States. The imports of margarine, butter substitutes and oleo-margarine reach the annual value of 3½ millions.

Mastic, the gum-resin of the lentisk tree (*Pistacia*) a native of the Levant, particularly abundant in Chios, is obtained by making incisions in the stem and branches.

Matches are largely manufactured in London (Bow, Wandsworth), Norway, Sweden and Japan. The British import of matches averages £600,000 and the export £80,000.

Maté, Yerba—or Paraguay Tea—consists of the leaves of a South American Holly (*Ilex paraguayensis*) which is grown in Brazil, Argentina and Paraguay.

Meat is imported into the United Kingdom in immense quantities.—Dead meat, £42,000,000; Animals for food, £6,000,000. The great meat exporting countries are the United States of Montana, Wyoming, Colorado, New Mexico and Texas; the Dominion of Canada—Saskatchewan and Alberta; Argentina, Uruguay and Paraguay. The United States is also the largest pork-producing country in the world, supplying about one-third of the total market, and raising more pigs than Russia, Germany and Austria-Hungary combined, the countries ranking next in this industry. The chief PORK-PACKING centres are Omaha, Kansas City and Chicago. Milwaukee, Indianapolis, Cincinnati, Cleveland, Buffalo and Boston also share in the trade. Although SHEEP are slaughtered in the wool-producing countries of the world—Australia, New Zealand, South Africa and Argentina—the principal use of the animal is for wool. The leading meat-products imported into the United Kingdom in thousands of tons are Bacon and Hams (300), Beef, fresh and refrigerated (300), Mutton (225).

Meerschaum, a fine, white, light clay, used for making tobacco-pipes, once supposed to be petrified sea-foam, is found chiefly in Austria-Hungary.

Mercury, or Quicksilver (Latin *Hydrargyrum*), the only mineral except water and bromine that remains liquid at ordinary temperatures, becomes solid at − 40° F. Nearly all the world's supply of mercury is obtained from CINNABAR, the sulphide, a red mineral, yielding vermilion, which is mined almost exclusively at Almaden, New Castile, Spain; at Idria in the Austrian crownland of Carniola; and at New Almaden and New Idria, in California. In addition to its employment in the construction of barometers and thermometers, mercury forms amalgams with gold, silver, zinc and tin. British imports of Mercury average about £350,000.

Merino Wool is obtained from the fleece of the migratory sheep of Spain, a breed now reared in Saxony, Australia and South Africa.

Metals are solid—except mercury—opaque bodies possessing a peculiar lustre, fusibility and conductivity for heat and electricity. The principal common metals are aluminium, antimony, bismuth, calcium (see under limestone), chromium, cobalt, copper, gold, iron, lead, magnesium, manganese, mercury, nickel, platinum, potassium (see under potash), silver, sodium (see under soda), tin and zinc. The **Base Metals** are copper, iron, lead

and zinc, and the **Noble Metals** are gold, platinum and silver, because they retain their lustre when exposed to the air. British imports of metals (unmanufactured), 13 millions.

Mica, an important mineral, one of the constituents of granite, gneiss and mica-schist, distinguished by its perfect cleavage, is a silicate of alumina, with potash, magnesia and iron or more rarely soda. MUSCOVITE, the commercial variety, is a potash-mica generally known as "white mica" or "Siborian glass" from the country supplying it. BIOTITE, the so-called "black mica," is a magnesia-iron form. TALC is a similar mineral; and both are used as substitutes for glass.

Milk is condensed in Switzerland, Holland and other dairying countries. British imports 2¼ millions; exports ¾ million.

Millet (*Panicum milliaceum*), Nat. Ord. *Gramineæ*, is cultivated as a grain for feeding poultry, as a substitute for rice, and as a forage crop. There are several kinds, as common or German millet, Polish millet and Indian millet, a large variety.

Minerals are inorganic substances found at or under the surface of the earth. The commoner rock-forming minerals are APATITE, calcium phosphate; CALCITE, calcium carbonate, next to Quartz the most abundant mineral in the world; COAL; Fluorite or FLUOR SPA, also a calcium compound; FELSPAR, after quartz and calcite the most abundant rock-forming mineral, a silicate of aluminium, whose decomposition results in the formation of clay; HORNBLENDE, or Amphibole, a silicate of magnesia and aluminium; MICA, a compound silicate of aluminium, etc., and QUARTZ, the most abundant mineral, or silica, the substance of sea-sand. British imports of minerals 4 millions; exports, chiefly coal, 38 millions.

Mineral Waters are such as are impregnated, either naturally or artificially, with certain earthy matters in solution. Thus there are Saline, or SALT SPRINGS, which contain Sodium Chloride, or Common Salt in solution, as at Droitwich, in Worcestershire; CHALYBEATE SPRINGS, or those largely impregnated with iron, as at Buxton in Derbyshire; BITTER SPRINGS, which contain the salts of magnesia, as at Epsom, in Surrey; LIME SPRINGS, which hold calcium carbonate, like those of Carlsbad, in Bohemia. The celebrated springs of Bath in Somersetshire, Buxton and Matlock in Derbyshire are resorted to by invalids. British import of mineral waters is valued at £350,000.

Minium, the red oxide of lead, is largely used in the manufacture of glass.

Mint (*Mentha*), Nat. Ord. *Labiatæ*, supplies the material for the essential oil known as PEPPERMINT.

Mohair, the product of the Angora Goat (*Capra angorensis*) inhabiting the mountains of Asia Minor, imported to the United Kingdom from Smyrna and Constantinople, is manufactured into fancy fabrics in and near Bradford.

Molasses, a product of the sugar-cane, which drains away from the muscovado, or brown sugar.

Morocco Leather, prepared from goats' and sheeps' skins tanned with sumach (q.v.) and dyed with cochineal, indigo, logwood, or barberry as the desired colour is red, blue, puce or yellow.

Morphia, an alkaloid prepared from opium (q.v.).

Moselle, the wine produced on the banks of the Rhine tributary of that name.

Mother of Pearl, the nacreous layer of the so-called "Pearl Shells," as the Sea-ears (*Haliotis*) and a large species of Top Shell (*Surbo marmoratus*) used for ornamental work.

Mulberry (*Morus nigra* and *M. alba*), a tree of the Nat. Ord. *Urticaceæ*, the leaves of which furnish the food of the silkworm, is grown extensively in the south of Europe and in Asia. The fruit resembles a blackberry in appearance, but is quite different in structure. The bark of the PAPER MULBERRY (*Broussonetia papyrifera*) of the Polynesian Islands supplies the useful Tapa cloth.

Musical Instruments are largely imported, chiefly from Germany and the United States, valued at a million sterling. The British export amounts to £280,000.

Musk, a cheap durable fur yielded by the MUSK RAT or Musquash (*Fiber zibethicus*) of Canada, an animal resembling the beaver in its fur and habits but of much smaller size. The MUSK DEER (*Moschus moschiferus*), furnishing the well-known perfume, is found in the mountains of Central Asia and in some of the Islands of the Indian Ocean—Ceylon, Java, Sumatra and Borneo. Tonquin or TIBET MUSK is the more valuable kind; Siberian or RUSSIAN MUSK not being nearly so valuable.

Muslin, a fine soft cotton fabric, resembling gauze in appearance, is woven plain and generally undyed, without any looping of the warp threads on the weft. The name is derived from Mosul in Mesopotamia. A coarser fabric than the true "INDIAN" MUSLIN is printed with coloured patterns. "MADRAS" MUSLIN, made in Glasgow and the locality, may be procured in figured patterns.

Mustard is prepared from the spherical seeds of *Sinapis nigra* and *S. alba*, Nat. Ord. *Cruciferæ*. Mustard seed is imported from the East Indies, for the preparation of oil; white mustard from Northern Germany to mix with the black mustard grown in the Fens. The condiment is manufactured at Norwich, Durham and in London.

Mutton is imported refrigerated, frozen and canned from New Zealand ("Canterbury"), Australia and Argentina, valued at 8¼ millions.

Myrobalans, imported from Calcutta, Madras and Bombay, are the fruit and galls of a tree closely allied to the maple, much valued by dyers and tanners. Annual import £200,000.

Myrrh, a bitter, aromatic transparent gum, exudes from an Arabian and Abyssinian tree, *Balsamodendron myrra*, Nat. Ord. *Terebinthaceæ*.

Nails are manufactured at Bilston, Dudley and Wolverhampton.

Nainsook, a kind of muslin, both plain and striped, is manufactured in South Lancashire.

Nankeen, or **Nankin,** is a buff-coloured cotton fabric, first made at Nankin, in China.

Naphtha, a clear inflammable fluid, is distilled from wood, petroleum and rock-oil.

Naphthalene, one of the chief constituents of coal tar crystallising in large pearly white plates and melting at 80°, is commonly known as "CANDLE NAPHTHA."

Needles are manufactured at Redditch, in Worcestershire.

Nickel, almost invariably associated with the iron of meteorites, is obtained from KUPFERNICKEL, an arsenic compound from MAGNETIC PYRITES; and associated with cobalt as SPEISS. The mineral called GARNIERITE, a silicate of magnesia and nickel, is the source of supply in New Caledonia. Alloyed with copper this metal forms NICKEL PLATE, a coating applied to steel to prevent tarnish. GERMAN SILVER is an alloy of copper, zinc and nickel. A new industry is the manufacture of NICKEL STEEL used for armour plate, consisting of 96 per cent. of steel and 4 per cent. of nickel. The chief sources of the world's supply of nickel are the Dominion of Canada, France and Germany.

Nitrate, or CUBIC NITRE, occurs in great abundance in the rainless region of northern Chile. In composition it is a Nitrate of Soda. It is largely used as a fertiliser, and constitutes two-thirds of Chilian exports. It is also used in the manufacture of nitric acid. Annual import, 1¼ millions.

Nitre, or SALTPETRE, Potassium Nitrate, occurs on the soil of several dry tropical countries, especially in India, the Punjab. It is also prepared artificially. As it contains half its weight of oxygen, which it parts with when heated with carbon, nitre is largely used in the manufacture of gunpowder and fireworks. Annual import, £225,000.

Nitric Acid is obtained by heating Nitre, or Chili saltpetre, with Sulphuric Acid. It was formerly called AQUA FORTIS, because of its strong corrosive action; and it is largely employed in the preparation of nitro-glycerine and gun-cotton.

Nitro-glycerine is prepared by treating glycerine at a low temperature with a mixture of strong nitric and sulphuric acids. A very dangerous explosive, called NOBEL'S BLASTING OIL, is the

result; and this, when absorbed by a porous silicious earth known as kieselguhr, forms DYNAMITE, which may be handled with comparative safety.

Nutmegs are the fruit of *Myristica moschata*, of the islands of the Malay Archipelago.

Nutria is the name applied to the skin of the Coypu rat, a burrowing animal living near the streams of South America. Its fur felts readily and many millions have been imported for the manufacture of hats.

Nuts. The principal nuts of commerce are those known as almonds, Brazil nuts, chestnuts, coco-nuts, ground-nuts, hazel-nuts, oil-nuts, palm-nuts and walnuts. Ground nuts are yielded by *Arachis hypogaea*, Nat. Ord. *Leguminosæ*, cultivated in the southern United States and forming an article of food in many parts of Africa. They yield oil. Annual import of nuts, 1¼ millions.

Nux Vomica is a moderate sized tree of the Coromandel Coast of India, from whose seeds STRYCHNINE, the most violent poison known, is prepared for use as a vermin destroyer; it is also largely used in medicine.

Oak, *Quercus robur*, Nat. Order *Corylaceæ*, produces the most tenacious, elastic and durable timber of our native trees. Its bark abounds in tannin; and the acorn-cups of the Valonia oak (*Q. ægilops*) are largely imported for the use of dyers and tanners. Tannin and gallic acid used in the manufacture of ink are obtained from the galls of *Q. infectoria* of Asia Minor. Cork is the outer bark of *Q. occidentalis* and *Q. suber* of France, Spain, Portugal and Algeria.

Oats, the hardiest of the cereals, flourish from the Arctic Circle to the Tropics. The United Kingdom imports large quantities of this grain from Russia, Sweden and the Dominion of Canada.

Ochres, chiefly red and yellow, are mixtures of clay and oxide of iron, used in the manufacture of colours and obtained in Oxfordshire, Fifeshire and County Antrim.

Oil Cake is manufactured out of the residue of linseed and cotton-seed, after the oils have been extracted and sold as food for cattle. British import, 2 millions sterling.

Oil Cloth is the general term for floor coverings other than carpets, including Floor Cloth, Linoleum, Kamptulicon. Annual export of all kinds 2¼ millions stering; import, £75,000. FLOORCLOTH is made of canvas oil-painted on both sides; KAMPTULICON of cork-dust and rubber; in the manufacture of LINOLEUM, linseed oil is employed.

Oils. The principal oils of commercial importance are yielded by cod-liver, copra, cotton-seed, linseed, olive, palm, seal and whale. British import 12 millions sterling (half petroleum), export 3¼ millions.

Olives are the fruits of *Olea europæa*, Nat. Ord. *Oleaceæ*, a native of Syria and Greece, which has been cultivated in Mediterranean countries from time immemorial for the sake of its valuable oil, expressed from the pulp of its fruit.

Onions (*Allium cepa*), Nat. Ord. *Liliaceæ*, are exported into the United Kingdom from Spain, Portugal (Rocca), the South of France, Italy and Malta.

Onyx, a precious stone, somewhat resembling agate with black and white bands arranged in even planes, is a variety of Quartz.

Opal, an iridiscent variety of quartz, frequently displays a beautiful variety of colouring.

Opium, a narcotic drug, the dried juice of the opium poppy (*Papaver somniferum*), Nat. Ord. *Papaveraceæ*, yields the well known medicine LAUDANUM and the poisonous alkaloid MORPHIA, largely collected in Asia Minor, Turkey, Egypt, Persia and India.

Oranges, the fruit of *Citrus aurantium*, Nat. Ord. *Aurantiaceæ*, a native of China, is grown also in Portugal, Spain, Italy, Malta, India, Algeria, Turkey, the Azoros, West Indies, Florida and California. The oranges imported into the United Kingdom come chiefly from St. Michael, Lisbon, Malta, Naples, Palermo, and Spanish ports. The BITTER ORANGE of Seville (*C. bigaradia*) is imported by London and Dundee for the manufacture of marmalade.

Orchella, the blue dye known as ORCHIL or ARCHIL, is yielded by various lichens, found on the rocky coasts of the Mediterranean islands, in the Canaries, Madagascar, the Cape and South America. An orchil of inferior quality occurs on the rocks of Guernsey and Portland.

Ordnance, the name given to artillery and great guns in general, manufactured at Elswick, Newcastle (Armstrong's) and Essen, Westphalia, Germany (Krupp's).

Orpiment, the trisulphide of arsenic, is a golden yellow mineral, see under ARSENIC.

Ostrich Farming is a very important and interesting industry of South Africa. The plumes, which are borne by the male birds only, vary in value from £3 to £60 per pound weight. The annual export from the Cape is valued at 1½ millions sterling.

Oxalic Acid is prepared by the action of caustic potash upon sawdust. It is a compound of carbon, hydrogen and oxygen commonly called "SALTS OF LEMON," used for bleaching purposes, cleaning straw-hats and removing ink-stains by converting them into oxides of iron, which can be washed out.

Oysters are cultivated in shallows, along the bays of the Middle Atlantic seaboard of the United States, and to some extent southward along the Atlantic shores. Baltimore is an important oyster-centre, and carries on a canning business. Oysters are also canned in Prince Edward Island. English "native" oysters are bedded in the estuary of the Thames, at Whitstable, Faversham, and in the neighbourhood; oysters are also cultivated in the Bay of Avranches (France) and on the shores of Portugal.

Ozokerite, or mineral wax, found chiefly in Austria-Hungary, is used in the manufacture of candles, and as a substitute for beeswax and vaseline. It is also employed as an insulator for electric work.

Paddy is the name given to rice (q.v.) in the husk.

Palm Oil is yielded by the pericarp of the fruit of *Elais guineensis*, a native of the west coast of Africa. The kernels yield PALM-NUT OIL which closely resembles coco-nut oil; and they are imported for the manufacture of cattle-cake. PALM OIL is used chiefly for making yellow soap.

Panama Hats are made by hand in Ecuador, the grass being plaited under water.

Paper, manufactured of vegetable matter reduced to pulp, is made of esparto-grass, wood-pulp, flax-refuse, cotton-waste, straw, jute, and other substances. Spruce timber (*Abies excelsa*), chiefly used for WOOD PULP, flourishes in Newfoundland, Eastern Canada and the Eastern United States; and the manufacture of paper is carried on where water is plentiful as in Kent, Lancashire, and the Lowlands of Scotland, in the United Kingdom; in Newfoundland; and in New York, Maine and Massachusetts in the United States. CHINESE PAPER is a fine slightly brownish paper made from bamboo bark, and used for taking impressions of engravings. JAPANESE PAPER, made from the bark of the paper mulberry is also used for proof impressions. The British import of paper and paper-making materials amounts to 10 millions sterling and the export to 2 millions.

Paraffin-wax is formed by the dry distillation of coal, wood and rock-oil, or petroleum (q.v.). It is a white transparent crystalline substance, much used in the manufacture of candles.

Parchment, the prepared skin of the sheep or goat, is used for the writing of important legal documents.

Pear, the fruit of a rosaceous tree, supplies the beverage known as PERRY.

Pearls, well known shining gems, are found in the shell of the pearl oyster (*Meleagrina margaritifera*) on the western coast of Ceylon; off the Bahrein Islands in the Persian Gulf; at Tuticorin, on the Coromandel Coast of India; off St. Margarita, or Pearl Island, in the West Indies; and in the Bay of Panama.

Pearl Shells, see MOTHER-OF-PEARL.

Peat, see under COAL.

Pens are manufactured more largely in Birmingham than in any other part of the world.

Peppers of several kinds met with in commerce are the following:—BLACK PEPPER, the dried fruit of *Piper nigrum*, cultivated in India, Siam and the East Indian Archipelago; WHITE PEPPER, made by removing the dark outer coat of the black berries; CAYENNE PEPPER, the produce of several species of capsicum (q.v.); LONG PEPPER, the produce of the perennial *Piper longum*, a native of Malabar and Bengal.

Perfumes are derived from plants, animals and coal-tar. From petals of the rose the attar or OTTO OF ROSES is obtained. This is very costly and is often adulterated with an Indian grass-oil. It is exported from India, Persia and Turkey. LAVENDER WATER is prepared by dissolving oil of lavender in alcohol. It is manufactured at Mitcham in Surrey. MUSK is obtained from the musk-deer; CIVET is supplied by the civet cat and AMBERGRIS by the sperm whale. The United Kingdom import of perfumery averages annually £75,000, and the export exceeds £300,000.

Petroleum is a product of some kind of natural distillation of organic remains, found mainly in the older sedimentary rocks—Silurian, Devonian and Carboniferous; but in many regions it is obtained from deposits of a much newer date. Sandstones and conglomerates are most highly charged; but shales, clays and limestones are also impregnated. The most extensive petroleum production in the world is in the United States and the Caspian region of Russia; and oil also occurs in Japan, New Zealand and Canada. In the United States the chief fields are in western Pennsylvania, New York Ohio, West Virginia, Texas, Colorado and California. The oil is transported in barrels or tanks and "piped" to distant points. The production of petroleum is as follows in millions of gallons:—United States (3), Russia ($3\frac{2}{3}$), other countries ($\frac{1}{6}$). The products of petroleum comprise benzine, gasoline, kerosene, naphtha, paraffin and vaseline. The imports into the United Kingdom amount to 6 millions sterling annually.

Pewter, an alloy consisting of four parts tin, one part lead with a little copper and antimony.

Phormium, or New Zealand Hemp, is a strong fibre afforded by the leaves of *Phormium tenax*, Nat. Ord. *Liliaceæ*.

Phosphorus occurs combined with oxygen and calcium, in the bodies and bones of animals, in the seeds of plants and as the minerals phosphorite and apatite. APATITE, the calcium phosphate, is abundant in the older rocks of Canada; and ROCK PHOSPHATES are characteristic of many limestone deposits, where they were formed by the decay of animals. In some places the animal accumulations are true "bone-beds" and are used as fertilisers.

Piassaba or **Piassava,** is a coarse stiff fibre used for brush making. The United Kingdom import (from Brazil) reaches a quarter of a million.

Pickles, sauces and condiments are imported value £150,000 and export £650,000.

Pilchards, small fish of the herring family, very abundant off the coast of Cornwall in July, are cleaned, pressed for oil and cured for export to Mediterranean countries.

Pimento, ALLSPICE, or JAMAICA PEPPER, consists of the unripe berries of *Eugenia pimento*, Nat. Ord. *Myrtaceæ*, a native of the West Indies, where it is cultivated particularly in the hilly parts of Jamaica, for export to London and Liverpool.

Pine Apples, or ANANAS, the fruit of *Ananassa sativa*, Nat. Ord. *Bromeliaceæ*, a native of the Bahamas and Bermudas, now cultivated in the East Indies and Africa, and in all parts of the world where it can be grown either naturally or in hot-houses. Ripe pineapples are imported into the United Kingdom from the West Indies and Bahamas.

Pines supplying valuable timber are:—SCOTCH FIR, (*Pinus sylvestris*), yielding red deal; NORWAY SPRUCE (*Abies excelsa*), affording white deal, used in the manufacture of wood-pulp for paper (q.v.); WEYMOUTH PINE (*Pinus strobus*), the most valuable timber-fir of North America; DOUGLAS PINE (*Abies douglasii*), yielding very long poles; LARCH (*Larix*), largely used for railway-sleepers; and the New Zealand Kauri, "COWDI" PINE (*Dammara*), affording spars 200 feet long. The wood of the YEW (*Taxus baccata*) is said to be immune from the attacks of insects. The WELLINGTONIA (*Sequoia gigantea*) is the mammoth among trees. TAR is distilled from pine faggots, chiefly of Scotch fir in the north of Europe. PITCH is the solid substance left after the tar has been distilled. TURPENTINE is yielded by an American species, *Pinus palustris* and by *Pinus pinaster* of the South of France, and the solid substance remaining after its distillation is ROSIN. The imports into the United Kingdom of Fir and Fir products amount to $20\frac{3}{4}$ millions.

Pitch is imported into the United Kingdom, chiefly from Archangel, Sweden and North America.

Plate is manufactured chiefly in Sheffield and Birmingham. Import of Gold Plate, £1,500; of silver plate, £25,000, and the export of plate three-quarters of a million sterling.

Platinum, one of the noble metals, is found in flakes and nuggets in gold-bearing gravels, most of it coming from the Ural Mountains. Its Sp. Gr., exceeding that of gold, is about 21·5; and it is employed in the manufacture of crucibles and for the wires of incandescent electric lamps.

Plumbago, see GRAPHITE.

Pomegranate, the fruit of *Punica granatum*, Nat. Ord. *Myrtaceæ*, a native of Northern Africa, Syria and Persia, naturalised in Southern Europe, the West Indies and Southern United States, yields a pleasant fruit, a valuable medicine, and a tanning substance used in the preparation of book-binders' morocco leather.

Poplin is a fabric having a warp of silk and a weft of worsted, the latter being the thicker imparting a corded appearance. IRISH POPLIN manufactured at Dublin is celebrated.

Porcelain, fine earthenware, originally made in China, is now manufactured in many parts of England, notably at Stoke-upon-Trent (The Potteries), Worcester ("Royal"), Barnstaple ("Royal Barum") and Derby ("Crown"). The British export of earthenware and porcelain amounts to $2\frac{1}{4}$ millions sterling annually. See also WARE.

Pork Products reach us chiefly from the United States, Canada, Russia and Germany, and include the following items with value in millions:—Bacon (14), Hams (3), Pork ($1\frac{1}{2}$).

Port is the name given to the wine produced in the province of Upper Douro, in Portugal, and exported from Oporto. Port wine of the value of over a million sterling is annually exported from Portugal.

Porter, the name applied to a dark kind of beer, is brewed from brown malt, especially in London and Dublin.

Potash is the name applied to several compounds of potassium, but especially to the carbonate.

Potassium Compounds are derived from the felspar of granites, or by burning inland growing plants which extract it from the soil and so obtaining in their ashes POTASSIUM CARBONATE or PEARL ASH, a substance imported from America and Russia. POTASSIUM CHLORIDE occurs with rock-salt at Stassfurt, in Anhalt, Germany. POTASSIUM NITRATE occurs on the soil in Rajputana, India.

Potatoes, natives of the South American Andes, introduced into Europe about the middle of the sixteenth century, consist of the tubers or swollen starch-filled portions of the underground stem of *Solanum tuberosum*, Nat. Ord. *Solanaceæ*, containing about 15 per cent. of starch used in the manufacture of DEXTRINE or British gum employed to attach postage stamps and in calico printing. Potatoes form the main food of the poor in Ireland and Northern Germany. Import, annual value, £1,900,000; export, £240,000.

Pottery, see EARTHENWARE.

Prunes, the dried fruit of *Prunus domestica* variety *Juliana*, Nat. Ord. *Rosaceæ*, are largely imported from France and Bosnia.

Prussian Blue, a compound of prussiate of potash and sulphate of iron, is a very useful pigment.

Pumice, a light spongy stone found in volcanic districts, is used for polishing marble and metals. It is imported from the Lipari Islands, which are composed of this volcanic product.

Pyrites, the name given to sulphide of iron, or to a sulphide of copper and iron, both used in the manufacture of Sulphuric Acid.

Quercitron, the inner bark of *Quercus tinctoria*, Nat. Ord. *Cupuliferæ*, a native of Pennsylvania, the Carolinas and Georgia, yields a yellow dye for calico printing.

Quicksilver, see MERCURY.

Quinine, the most valuable of the alkaloids of cinchona. See BARK.

Rabbits have multiplied to such an extent in Australia as to become a pest; and large quantities are exported, the value of the trade annually being £450,000, a large proportion of which is with the mother country. Besides this we import rabbits from Ostend. The total import averages three-quarters of a million sterling.

Radium is an element which occurs in minute quantities in pitchblende and closely resembles barium in its properties. Its compounds are constantly giving off radiations into space and these are capable of discharging an electroscope, appearing upon a photographic plate, and rendering screens of zinc blende and barium platinocyanide luminous. This radioactivity is accompanied by an increase in temperature of 2° C. of the radium salt.

Rags of woollen fabrics are imported for the SHODDY and MUNGO trades of the West Riding of Yorkshire; the annual value of the import being on an average a million sterling.

Raisins, or dried grapes, are imported from various ports in the Mediterranean; as the stoneless SULTANAS from Smyrna; MUSCATELS, or sun-dried raisins, in bunches, from Malaga; and ordinary raisins from Valencia. The import exceeds a million sterling.

Ramie, or **Rhea,** the fibre of China Grass (*Bohmeria nivea*), Nat. Ord. *Urticaceæ*, used in the East for cordage and in the West for incandescent gas mantles.

Rape Oil is produced from the seeds of *Brassica napus*, Nat. Ord. *Cruciferæ*, a plant which grows wild in many parts of England, France and Germany and which is cultivated in those countries for the sake of the oil, which is the best lubricant for machinery, especially locomotives.

Regulus is the name applied to an intermediate and impure product in the smelting of metallic ores, especially of copper, the import of which amounts to 2¾ millions sterling.

Resins are the thick juices of plants insoluble in water but generally dissolved by alcohol, as rubber, oratcaoutchouc; guttaporcha; rosin, lac, mastic and copal.

Rice (*Oryza sativa*), Nat. Ord. *Gramineæ*; orginally a native of the East Indies, has spread to all the moist and warm parts of Asia, Africa and America. The limits of its successful culture are between 45° N. Lat. and 38° S. Lat. South Carolina produces the best American rice and Patna the best Indian samples. Java rice is inferior to either. Excellent rice is grown in Andalusia, Valencia, and Catalonia in Spain; in Lombardy, Venetia, and the plains of Milan, Mantua, Verona, Parma and Modena along the River Po. The import of Rice into the United Kingdom is valued at 3¼ millions sterling.

Rice Paper is prepared from the pith of *Aralia papyrifera*, Nat. Ord. *Araliaceæ*, a tree of Taiwan (Formosa). The pith is cut spirally and unrolled into small squares of 2½ or 3 inches.

Rosewood is the timber of some South American species of *Dalbergia*, exported from Brazil and Siam.

Rubber, formerly known as CAOUTCHOUC and INDIARUBBER, is produced by a number of different trees and climbing plants. Thus the latex of a species of *Siphonia elastica*, Nat. Ord. *Euphorbiaceæ* of Brazil yields the best PARA RUBBER. It flows from wounds in the bark and is allowed to dry over moulds of clay. CENTRAL AMERICAN RUBBER is the produce of *Castilloa elastica*. That from Singapore, Assam, and other parts of the East Indies is the milky juice of *Ficus elastica*. On the west coast of Africa a climbing plant, *Landolphia*, is the source of the supply. AFRICAN RUBBER is of the finest quality and the supply is practically unlimited. Plants of the true rubber tree of Para were raised from seed at Kew and exported to Assam, Burma and other provinces of British India. Smaller consignments were forwarded to the west coast of Africa, to Dominica, Jamaica, Queensland, Singapore and Trinidad; but in spite of all these efforts Para rubber is still the principal kind in the market. BORNEO RUBBER is the produce of at least five species of plants belonging to the Nat. Ord. *Apocynaceæ*, and FIJI RUBBER is the juice of an allied plant. LIBERIAN RUBBER, like the native East Indian kind, is yielded by a species of Fig. The import of rubber into the United Kingdom in 1909 exceeded 14 millions sterling and the exports of rubber goods 1½ millions sterling.

Ruby, an oxide of aluminium is a variety of the mineral corundum. The finest true rubies are exported from Burma and Siam.

Rum, the spirit distilled from the juice of the sugar-cane, is produced in the West Indies—Jamaica, and Demerara (British Guiana). The import into the United Kingdom reaches the annual value of about half a million sterling.

Russia Leather, see under LEATHER.

Rye (*Secale cereale*), Nat. Ord. *Gramineæ*, a grain similar in appearance to barley, is capable of enduring a greater degree of cold than wheat. It also thrives in a less fertile soil and forms the chief bread-grain of many millions of Europeans, being the most important cereal crop of central and northern Europe, where the soil is poor and sandy, as in Germany. It is widely used for distilling the cheaper qualities of whisky. In England it is not much grown except as green food for cattle. The import into the United Kingdom averages about one-third of a million sterling annually.

Sable, the fur yielded by three species of *Mustela*; that of *M. zibellina* of Siberia is the most valuable, ranking next to Ermine and known as RUSSIAN SABLE; AMERICAN SABLE, the fur of (*M. leucopus*), is much worn; the TARTAR SABLE (*M. siberica*) yellow in colour, produces the hairs used for artists' pencils.

Saccharin is a term which includes a number of crystalline sugar-like substances, derived from the true sugars by the elimination of water; or manufactured synthetically by chemists from the equivalents of water and carbon. They are employed in England and Germany to heighten the power of glucose and beet sugar; the sweetening properties of saccharin being many times greater than those of the natural sugars.

Saffron consists of the dried stigmas of the purple crocus (*C. sativus*) formerly esteemed as a drug and cultivated at Saffron Walden, in Essex; now used to colour medicines and confections.

Sago is obtained from the cellular tissue of the stem of several palms (*Sagus*) growing in the South of China, in Japan, India and the islands of the Malay Archipelago. Most of the sago imported into the United Kingdom comes from Singapore and is valued at about £400,000 annually. Much German, or potato sago imported is with difficulty distinguished from the genuine article except by its absorption of moisture in a damp atmosphere.

Salmon (*Salmo salar*), soft finned fish which ascend rivers to deposit their spawn, are sought in the Dee, Don, Tay and Tweed, whence the London markets are supplied with the first quality; the second quality being brought from Norway and Canada preserved in ice. Several species of salmon are caught and canned on the Pacific coast of the United States and the Dominion of Canada. They are taken in great numbers in the Columbia River while running up to spawn. They are also caught in quantity in more northern waters in the

rivers of British Columbia, especially the Frazer, and along the coast of Alaska.

Salt, or Sodium chloride, is obtained from sea-water, which contains 3 per cent. of it, or from large deposits which occur in Cheshire, England; on the North German plain, where it is associated with potassium compounds; in Galicia and Transylvania, where the mining is a state-monopoly; on the Armenian Plateau; in Persia and India. British exports of salt average £430,000 annually.

Salt Cake is crude SODIUM SULPHATE occurring as a by-product in the manufacture of hydrochloric acid. SALT OF LEMON, or Sorrel, is acid potassium oxalate used as a solvent for ink-stains and in bleaching. SALT OF SODA is sodium carbonate, or ordinary washing soda. SALT OF TARTAR is the commercial name for purified potassium carbonate. SALT OF VITRIOL is sulphate of zinc. SALT OF WORMWOOD is carbonate of potash. EPSOM SALT is magnesium sulphate. GLAUBER'S SALT, or horse salt, the commercial name for sodium sulphate, is used in dyeing woollens. ROCHELLE SALT is sodium potassium tartrate. SPIRIT OF SALT is the old name for muriatic or hydrochloric acid.

Saltpetre, or Nitre (q.v.).

Sandalwood, the timber of a tree, *Santalum album*, Nat. Ord. *Santalaceæ*, a native of India and China, is used for ornamental purposes, and in perfumery.

Sandstones of commercial importance are the FLAGS of Forfarshire and Caithness; the MILLSTONES obtained from the grits of Newcastle, Yorkshire, Belgium and Wurtemburg; the BUILDING STONES of Durham, Yorkshire and Derbyshire. SANDS for the manufacture of glass and pottery are obtained from the Isle of Wight, Lyme Regis, Aylesbury and Reigate.

Sapphire is the bright blue variety of the ruby.

Sardines (*Clupea sardina*) are taken in great abundance off the shores of Sardinia and Brittany. When packed in boxes, preserved in oil and flavoured with bay leaves they are much esteemed.

Sardonyx is a variety of quartz, with red white and black variegated bands.

Sarsaparilla, the starch procured from the fleshy roots of *Smilax officinalis*, a woody climbing plant growing in Brazil, Honduras, Mexico, and Jamaica, is said to be useful as a medicine; but this is disputed.

Satin is a closely woven silk fabric with a lustrous surface. SATIN DAMASK has an elaborate floral or damascene pattern. SATIN-DE-LAINE, a thin glossy woollen fabric, is a variety of cassimere. SATINET has a cotton warp and a woollen weft.

Satinwood, a beautiful ornamental wood from the East and West Indies, having a smooth satiny texture, is the timber of *Chloroxylon swietenia*, Nat. Ord. *Cedrelaceæ*.

Sealing Wax is manufactured from LAC (q.v.) bleached for white; coloured with vermilion, ivory black, or other substances.

Seals are sought for their oil, bones and skin in Arctic and Antarctic regions. The saddleback, or HARP SEALS (*Calocephalus grœnlandicus*) are taken on the ice pack of Arctic Seas in the months of March and April during the breeding season, where they remain until the young are able to take to the water. The BLADDER NOSE SEAL (*Stemmatopus cristatus*) of the Greenland seas is sought for fur and blubber. The FUR SEAL has suffered a decrease in recent years as a result of reckless slaughter. The breeding grounds of the hord are on the Pribyloff Islands, which lie to the South of the Aleutian chain. The annual value of the import of sealskins into the United Kingdom exceeds a quarter of a million sterling.

Seeds, which figure in commerce used for the extraction of oil, are given below with the average annual value of the import into United Kingdom in millions sterling;—Cotton (4), Linseed (4), Rape (½), Miscellaneous (2).

Senna consists of the dried leaves of two species of *Cassia*, Nat. Ord. *Leguminosæ*, used in medicine. That imported from Cairo and Alexandria is the produce of *C. angustifolia*. The Indian product, originally an Arabian species, is known as TINNEVELLY SENNA.

Sepia, the well known deep brown-black pigment, is obtained from the "ink-bag" of the common cuttlefish (*Sepia officinalis*).

Sequoia, a Latinised form of the name of the Cherokee chief "Sequoiah," is applied to the Wellingtonia pine of California. See PINES.

Sesame, an annual much cultivated from the shores of the Mediterranean to Japan and China, for the oil yielded by its seeds, is imported to the United Kingdom from India and Egypt. The oil is known in commerce as "Gingili."

Sewing Machines are manufactured at Glasgow, Coventry, etc. The imports into the United Kingdom are valued at £270,000 and the exports at 1¾ millions sterling annually.

Shantung is a silk fabric made in China on handlooms.

Shawls, wraps made of wool, silk or hair, formerly much used as an article of dress by women; were so called after the name of a valley in Afghanistan. The famous CASHMERE SHAWLS are made of the hair of the Tibet Goat (*Capra hircus*). French cashmere shawls are produced at Paris and Lyons. Norwich and Paisley were formerly noted for producing these articles.

Shea Butter is the product of the nuts of a West African tree (*Bassia parkii*), Nat. Ord. *Sapotaceæ*, as valuable as palm-oil and used for similar purposes.

Sheep of famous breeds are reared in many parts of Great Britain, especially in the hilly districts, where the pasture is short and sweet. They are classed as LONG-WOOLLED and short-woolled kinds; and of the former the most famous are Teeswater, Lincoln, Leicester, Cotswold, Romney Marsh, Dartmoor, Exmoor and Berkshire. SHORT-WOOLLED varieties include Hereford, Shropshire, Dorset, Wilts, South Down, Norfolk and Cheviot breeds. Sheep rearing is an important pursuit in Argentina, Australia, South Africa, Spain and the United States. The import of sheep and their products into the United Kingdom includes mutton, 8¼ millions sterling; wool, 30 millions.

Shellac, see LAC.

Sherry, is the famous wine of Xeres de la Frontera, near Cadiz and the neighbourhood.

Shipbuilding is carried on chiefly on the Clyde, Glasgow, Greenock; the Tyne, Newcastle; the Wear, Sunderland; the Thames, London; and also at Barrow-in-Furness and Belfast. Exports of ships average 9 millions sterling.

Silk is to a large extent the fine threads of the cocoons of the larvæ of the moth *Bombyx mori*, which was first reared in China, whence the culture spread to Japan, India, Greece, Sicily, Italy, Spain and France. Silk is imported into the United Kingdom from the provinces of Nankin and Tsekiang in Eastern China and from Southern China, through Canton. INDIAN SILK is exported from Calcutta and Bombay. The silk produced in Asia Minor and Syria reaches England by way of Aleppo, Smyrna and Constantinople. Much Indian silk is the produce of caterpillars found in the woods and bears the name of "Tussore," or "Tusser." The manufacture of silk goods in Great Britain is not so important as those of cotton and wool. Piece goods are produced at Manchester, Macclesfield, Glasgow, Spitalfields (London), and Braintree (Essex). The imports and exports of silk into the United Kingdom are valued at 13¾ millions; and the export at nearly 2 millions.

Silver (Latin *Argentum*) forms several distinct ores with antimony, bromine, chlorine and sulphur. It is contained in galena, and can be extracted with profit from this ore when the lead contains but two or three ounces of silver to the ton. Silver is also found native and as an alloy of gold. The greater part of the silver of commerce is obtained from ARGENTITE, the black sulphide, PROUSTITE, the red sulphur ore, and HORN-SILVER, the natural chloride. The principal silver producing countries of the world are the United States—Nevada, Colorado, Montana, Utah, Idaho, and Arizona—

all in the Rocky Mountain region ; Bolivia, Mexico, Australia and Peru. About £20,000 worth of silver is annually produced in the United Kingdom from lead ores ; the import of silver ore is valued at 2 millions sterling. English coinage silver contains 7½ per cent. of copper, and French 10 per cent.

Sisal Hemp, the fibre of the American agave or maguey, is grown in Mexico and the Bahamas, and has become naturalised in the countries bordering upon the Mediterranean. See HENEQUEN.

Skins of many kinds are imported into the United Kingdom, value 11 millions ; and exported 2¼ millions.

Slate occurs chiefly in the older geological stratified formations—Cambrian and Silurian—of Wales and Cumberland. WELSH SLATES have a world-wide fame. They are found in the well-known Dinorwic quarries near Llanberis, where the blastings take place hourly ; and the celebrated Penrhyn quarries to the north-east, at Bethesda. The product of these quarries is exported from Bangor on the Menai Strait. The famous Festiniog quarries in Merionethshire, lie in the midst of the mountains. Slates are also quarried in Cornwall, Devonshire, Westmorland, Scotland and Ireland.

Smalt, an oxide of cobalt melted with siliceous earth and potash, forms a kind of glass of a beautiful deep blue colour, which when very finely ground is known as "powder blue." As its colour is not changed by heat it is in great demand for colouring earthenware.

Soap is classed in two kinds—"hard" and "soft." HARD SOAP is made of soda and tallow. or oil ; SOFT SOAP, of potash and similar oily substances. YELLOW SOAP is coloured with rosin. Countries in which the olive is a common tree use olive-oil in the manufacture of soap—as France, Spain, Italy and Syria. In England copra, palm oil, and glycerine for very superior qualities, are used. Soap is largely manufactured in London, Liverpool, Glasgow, Bristol, Runcorn, Gateshead, Warrington, Brentford, Plymouth, Wakefield, and Newcastle-upon-Tyne. British exports of soap average annually 1½ millions sterling and the imports half a million.

Soda, or SODIUM CARBONATE, known in commerce as SODA ASH, is manufactured in England on an enormous scale and used in the manufacture of glass and soap as well as for bleaching and other purposes. About half of this is produced in South Lancashire and the other half round Newcastle-upon-Tyne. Great Britain, the United States and Germany are the greatest soda-producing countries of the world. The British export of soda compounds averages £160,000.

Sorghum, see MILLET.

Spermaceti, a product obtained from the brain of the sperm-whale (*Catodon macrocephalus*) inhabiting the Southern Ocean. Before being exposed to the air spermaceti is an oily substance, which afterwards hardens and is used as a basis for ointments. The principal ports engaged in whaling are Dundee and San Francisco.

Sperm Oil is obtained from the blubber of the Sperm whale.

Spices include all the vegetable products which are fragrant and pungent, such as Cinnamon, Cloves, Ginger, Mace, Nutmegs and Pimento (All-spice), which see. British import of spices averages £750,000.

Spirits, include all inflammable liquids obtained by distillation which are used as beverages, as Brandy, Geneva or Hollands, Gin, Rum and Whisky. Under the term BRITISH SPIRITS gin and whisky are included, and the annual value of the export exceeds 3 millions sterling. Under the term FOREIGN SPIRITS the following imported kinds are included, with the annual value ; Rum, half a million sterling ; Brandy, a million sterling ; and Geneva, £375,000.

Sponge consists of a colony of animals of lowly organisation inhabiting the seas of the warmer parts of the world. The commercial sponge is the dried fibrous skeleton or frame-work of the colony, from which the jelly-like living matter has decayed away. Most of the sponges of commerce are imported from the Mediterranean Region and the waters around the Bahamas and Florida. The imports into the United Kingdom exceed in annual value £200,000.

Stationery includes writing and printing papers and envelopes, of which the United Kingdom exports are valued at over 2¼ millions sterling.

Steam Engines are manufactured at Soho, Birmingham ; at Liverpool, Manchester, Leeds, Newcastle-upon-Tyne, Sunderland, Barrow-in-Furness, Belfast and very largely at Glasgow and Greenock. The export is valued at 7 millions.

Stearine, one of the fats occurring in both animals and plants, is the chief constituent of the more solid fats, such as mutton suet.

Steatite, or SOAPSTONE, a compact or massive variety of talc, anhydrous silicate of magnesia, white or yellow in colour and greasy to the touch, is used by tailors to mark cloth and is known as "FRENCH CHALK." The large slabs of this substance are used for hearths, and stove-linings ; small pieces for slate pencils. It is also employed largely to mix with rubber ; to adulterate paint ; and in the manufacture of paper.

Steel is made when bars of wrought iron are heated to redness for some time in contact with charcoal, when the bars are found to have become fine-grained and to contain from 1 to 2 per cent. of carbon. BESSEMER STEEL is made by adding cast iron to molten iron from which the carbon has been removed by burning. It is largely used for railway axles and rails ; for boiler plates and ships. STEEL is manufactured at Barrow-in-Furness ; in and around Sheffield ; around Birmingham ; and in Scotland in the neighbourhood of Glasgow. About 40 per cent. of the world's supply of steel is furnished by the United States ; the United Kingdom and Germany together produce as much more ; leaving 20 per cent. to be provided by all the other steel-producing countries. The export of steel from the United Kingdom reaches the annual value of 2 millions sterling ; and that of cutlery and hardware about 2 millions more.

Strawplait and straw hats are manufactured at St. Albans, Luton, Dunstable and Bedford, where a particular kind of wheat is grown for the production of the raw material. Noted kinds are produced in Italy ; the Leghorn product being especially famous. The British import of straw hats is valued at £80,000 annually and the export at £470,000.

Strychnine and Brucine, the two most poisonous alkaloids known, are found in the seeds of *Strychnos nux vomica* and *S. Ignatia* or St. Ignatius' bean, Nat. Ord. *Loganiaceæ*, trees very common on the Coromandel Coast of India. Strychnine is used for rat poison and also in medicine.

Sturgeon (*Acipenser sturio*), a cartilaginous fish, abundant in the seas of Northern Europe, in the Caspian, Black Sea and Mediterranean, where they ascend the rivers to spawn. CAVIARE, an important article of commerce, is prepared from the roe of this fish ; and ISINGLASS from the air-bladders. The skin is converted into the kind of leather known as SHAGREEN.

Sugar is derived mainly from two sources—the sugar cane (*Saccharum officinarum*), Nat. Ord. *Gramineæ* and beetroot (*Beta vulgaris*), Nat. Ord. *Chenopodiaceæ*. The sugar cane, a native of India, has spread by cultivation throughout the tropical and sub-tropical regions of both hemispheres. The principal countries in which the sugar cane is cultivated are the West Indies, Venezuela, Brazil, Mauritius, India, China, Japan, the Sunda, Philippine and Sandwich Islands and the Southern United States, especially Louisiana. The beet sugar industry has been greatly developed in Germany, Austria Hungary and France and other European countries.

The world's production of cane sugar is 4½ million tons and that of beet sugar 6 million tons.

British imports of sugar are obtained from the following countries and colonies:—Germany, Holland, and Austria Hungary supply beetroot sugar. Cane sugar is imported from the United States, South America, Cuba, Java, British West Indies, Mauritius, India, British Guiana, and Egypt. The import is classified and valued as follows, in millions sterling: Rofined Sugar (12½); Unrefinod Beetroot Sugar (5½); Unrefined Cane Sugar (3); Molasses and Glucose (1).

Sulphur is found free in volcanic countries, as Sicily and Iceland, and exists in the ores of many metals in compounds termed sulphides, as GALENA, or lead sulphide; BLENDE, or zinc sulphide; and CHALCOPYRITE, or copper sulphide. It is also found in PYRITES and in salts termed SULPHATES, as calcium sulphate, or GYPSUM; barium sulphato, or HEAVY SPAR; and sodium sulphate, or GLAUBER'S SALT. British imports of sulphur, chiefly obtained from Sicily and Spain, roach the annual value of about £100,000.

Sumach of commorce consists of the ground leaves and crushed buds of *Rhus coriaria*, Nat. Ord. *Anacardiaceæ*, used for tanning and dyeing cotton fabrics yellow. It is imported from Sicily.

Talc, see MICA.

Tallow, or animal fat, consisting of stearin with a small quantity of olein, is imported from Australia, Argentina, New Zealand, Russia, Hungary and Turkey, to be used in the manufacture of soap and candlos. Average annual value of import 3½ millions sterling.

Tamarinds, the fruit of a large treo *Tamarindus indica*, Nat. Ord. *Leguminosæ*, are imported from the East and West Indies.

Tapioca is a form of starch obtained by grating and washing the roots of the manihot or cassava plant (*Manihot utilissima*), Nat. Ord. *Euphorbiaceæ*, of South America.

Tar, a viscid black impure turpentine distilled from the roots of various pines, especially the Scotch fir, is used by sailors and others to protect cordage and timbor from the effects of the atmosphere. It is imported from Russia, Norway, Sweden, the United States, the forests of the Landes in France, the Black and Thuringian Forests of Germany. Tar is also one of the by-products of the manufacture of coal gas.

Tea.—The tea shrub (*Thea sinensis*, Nat. Ord. *Ternströmiaceæ*), a family allied to *Hypericineæ*, the dried leaves of which are used as tea, is a nativo of Assam, in North-Eastern India, where it grows wild. For ages the cultivation of tea was confined to China; but at the present time from the cultivated Indian variety and from Chinese plants introduced into India, large quantities of tea are prepared and exported. The culture has also extended to Japan. Most of the tea consumed in Great Britain is imported from India and Ceylon. In China, tea is tho chief crop grown on the hill slopes of the south and west; but the best tea in the world is said to be the produce of the Japanese island of Taiwan (Formosa). The export of tea from China reaches the annual value of over 4 millions sterling; from India 7 millions sterling, and from Ceylon 5 millions sterling. The annual value of the tea imported by the United Kingdom exceeds 11 millions sterling.

Teak (*Tectona grandis*), Nat. Ord. *Verbenaceæ*, an Indian forest tree, supplies a highly prized timber used in ship-building, for railway carriage making and for many other objects where durability is required. AFRICAN TEAK (*Oldfieldia*), Nat. Ord. *Euphorbiaceæ*, is also a valuable timber-tree.

Teasel (*Dipsacus fullonum*), Nat. Ord. *Dipsaceæ*, so valuable for its large conical flower-heads, furnished with hard stiff bracts armed with sharp hooked awns, which are fitted into frames and used to raise the "nap" on woollen fabrics; large quantities to supplement those grown in the United Kingdom are imported from Hamburg and Holland.

Terra Cotta, a composition of clay and sand, hardened like bricks by fire, is used for statues and ornamental building work. Terra cotta is largely manufactured at Poole, in Dorsetshire.

Terra-japonica, palo CATECHU (q.v.) or GAMBIER.

Thread (COTTON) is manufactured at Paisley, a busy town of Renfrew, Scotland; LINEN THREAD at Belfast; and SILK THREAD at Loek. LISLE THREAD is a fine hard twisted linon thread originally made at Lillo, in France.

Timber consists of the trunks of two distinct classes of troes (1) the overgreens, or conifers, having needle-shaped leaves; and (2) the deciduous, or broad-leafed trees, yielding hardwoods. To the first group belong all the different varieties of pine, spruce, fir and hemlock; while the second includes oaks, chestnut, walnut, hickory, ash, and maple. A distinction should be made between the torms "timbor" and "lumber"; the former being the troes themselves and their unsawed logs after being felled; while lumber, strictly speaking, includes the same material sawed. The leading timber-producing countries of the world with the forest area in thousands of square miles are the following: Dominion of Canada (2,590), United States (700), Europe (1,125), India (220), Australasia (62½), Japan (43¾). Canada has a greater timberod area than all other countries and continents combined. Russia exports timber to tho United Kingdom from Archangel, Memel, Riga and St. Petersburg; also from Odessa. Much timber is exported from Trondhjem, Bergen, Drammen and Christiania, in Norway; from Goteborg in Sweden; and from Danzig, Königsberg and Stettin, the Prussian ports in the Baltic. The annual value of the timber imported into the United Kingdom roaches the avorage of 25 millions sterling.

Tin occurs in the native state very rarely, its commonost ore being CASSITERITE, the oxide found dispersed through certain granites, in rolled grains and pebblos—"stream tin"; and in kidney shaped masses having a fibrous structure—"wood tin." The minos of Cornwall, in England, of Saxony (Germany) and Bohemia (Austria) have been worked for ages and their product is largoly supplemented by the export from Australia, averaging about a million sterling, and that from the Federated Malay States, the East Indian Archipelago, exported from Singapore, averaging 10 millions sterling annually. White tin of the average annual value of three-quarters of a million is raised in the United Kingdom; and the import represents 1½ millions sterling annually. The export of unwrought tin from the United Kingdom is valued at 1½ millions, and that of tin plate at a quarter of a million. TINPLATE, consisting of sheet iron coated with tin, is largely producod on the South Wales Coalfield.

Tincal, or SODIUM BORATE, occurs in Tibot and California, in dry lake-beds. See BORAX.

Tobacco of commerce consists of the dried leaves of *Nicotiana tabacum*, an annual plant of the Nat. Ord. *Solanaceæ*, said to be a native of America, but now widely cultivated nearly all over the world. The principal varieties in cultivation are NORTH AMERICAN TOBACCO, grown in the states of Kontucky, North Carolina, Virginia, Ohio, Wisconsin and Louisiana (Peruke). This is usually imported in hogsheads in tho leaf and is hence genorally known as "Leaf tobacco." SOUTH AMERICAN TOBACCO is imported in leaf and rolls from Brazil, the Orinoco and Porto Rico. The CUBAN TOBACCO is said to be the finest in the world, and Havana manufactures the choicest cigars. Cigars are also exported from MANILA, in the Philippine Islos. The cultivation of tobacco in India, Ceylon, and especially BRITISH NORTH BORNEO, is increasing. The annual average import of tobacco into the United Kingdom is valued at about 5 millions sterling, fully three-fourths of which comes in unmanufactured to be made up at London, Livorpool, Glasgow, Bristol, Leicester, Nottingham, Coventry and other places.

Tomato, the fruit of *Lycopersicum esculentum*, Nat. Ord. *Solanaceæ*, has been much used of recent years in cookory and for salad purposos. Tomatoes aro grown under glass in England and the home supply is supplemented by imports from abroad.

Topaz, a gemstone, a silicate of alumina and fluorine, is one of the hardest of minerals.

Tortoiseshell of commerce is supplied by the horny shell of the Hawksbill Turtle (*Chelonia imbricata*), and that of the carett or giant tortoise (*Testudo caretta*), both of which live in all tropical seas. Thousands of these animals are annually caught off the Island of Ascension. The best tortoiseshell, however, comes from the East Indian Archipelago and is exported from Singapore. It is also brought from the West Indies and Galapagos Islands; from Mauritius, the Cape Verde and Canary Islands.

Toys are largely made in Germany and Switzerland. The British import averages £1,350,000 and the export £550,000.

Trepang, see BÊCHE DE MER.

Tripoli, a polishing powder, is composed of the frustules of diatomaceæ and so-called from the place of origin.

Turkey Carpets, soft, thick kinds of woollen floor coverings, are made by hand in Asiatic Turkey and decorated with typical moresque ornament, in which no created thing is depicted. They are exported from Smyrna and Constantinople.

Turkey red is a fine durable red dye, originally obtained from madder, but now prepared chemically. Turkey red dyeing is chiefly carried on at Glasgow and the neighbourhood.

Turquoise, an opaque greenish-blue mineral valued as a gem found in Persia is essentially a phosphate of alumina, occurring in veins of slate.

Turtles of two species are commercially important. The green turtle (*Chelonia mydas*) especially abundant off the Bahamas, is the species caught for making the celebrated soup. See also TORTOISESHELL.

Tusser or **Tussore Silk,** is a fabric produced in India from cocoons of wild caterpillars.

Ultramarine, the most beautiful and durable sky-blue pigment originally made of lapis lazuli, now prepared artificially, was so called from Asia, its place of origin "beyond the sea."

Umbrellas, form an important article of British commerce, the average annual export amounting to half a million sterling.

Upas, the juice of the Antjar or Anchar tree of the Philippine Islands, is a powerful vegetable poison.

Uranium is a rare white metal, whose compounds are used for staining glass.

Valonia consists of the very large acorn cups of a dwarf shrubby oak, *Quercus ægilops*, imported from the Levant through Smyrna for use in tanning. The import exceeds £200,000 in average value.

Vanilla is the fruit of an epiphytic orchid, *Vanilla aromatica*, growing in the hot, moist, shady forests of Brazil, Peru and the banks of the Orinoco, used by confectioners for flavouring ices and custards.

Vaseline, a yellow almost tasteless substance, obtained from petroleum, is used as a salve, liniment and lubricant.

Vegetable Ivory, or COROZO NUT, is the fruit of *Phytelphas macrocarpa*, a dwarf palm-like tree growing in tropical South America in the forests which lie among the upper reaches of the Amazon and its tributaries. The nuts are imported in large quantities for the use of turners. COQUILLA NUTS are the fruit of *Attalea funifera*, Nat. Ord. *Palmaceæ*, of Central and Southern America, used by ornamental turners for making knobs for drawers, parasol and umbrella handles, chessmen, rings, brooches and small toys. The same palm affords the PIASSABA FIBRE (q.v.) used for rope making in Brazil.

Vellum, a finer kind of parchment, is prepared from the skins of calves, kids and lambs.

Velvet, a fabric made of silk with a close shaggy pile; also a similar fabric made of cotton. Silk velvet is made at Braintree in Essex.

Velveteen, a fabric made of twilled cotton with a raised pile, or of silk and cotton mixed.

Vermicelli, see MACARONI.

Vermilion, see under MERCURY.

Vicuña, a trade name for a cloth made of wool and cotton mixed at Bradford and in the vicinity.

Vinegar, the dilute form of acetic acid, used for table purposes and pickles, is made by fermentation of vegetable substances, of malt, or inferior wine. The commonest vinegar is pyroligneous acid.

Vitriol, see under ACIDS.

Vulcanite is manufactured by mixing rubber with sulphur, which converts the whole into a substance known also as EBONITE, used for the manufacture of combs, and many other articles.

Walnut, a handsome tree, *Juglans regia*, growing over Europe and Asia. The nuts are imported from France, Germany and Italy. The timber of the black walnut (*J. nigra*) a large North American tree is employed in the manufacture of costly furniture. It is converted into veneer and so used to cover less expensive woods.

Walrus (*Trichechus rosmarus*), a huge seal common in Arctic seas, whose tusks yield ivory, is also known as the MORSE or SEA HORSE.

Ware is a name applied to certain kinds of merchandise, especially articles made of earth. BENARES WARE is fine ornamental metal work made at Benares and other Indian cities. TUNBRIDGE WARE is inlaid or mosaic woodwork manufactured at Tunbridge Wells. WEDGWOOD WARE is a superior kind of pottery invented by Josiah Wedgwood, ornamented with white cameo reliefs on a blue ground. WELSH WARE is a yellowish-brown earthenware with a transparent glaze. DOULTON WARE is a high class kind of pottery manufactured at Lambeth (London) and at Dudley, where Sir Henry Doulton started his works in 1848, now the largest in the world. CROUCH WARE is a finely finished pottery made in Shropshire, with a proportion of pipe clay; and also the famous salt-glazed stoneware made at Stoke-upon-Trent. CROWN DERBY ware is the porcelain made in Derby, and ROYAL WORCESTER ware that manufactured at Worcester. See EARTHENWARE.

Watches are manufactured in London (Clerkenwell), Liverpool, Coventry and Edinburgh. The movements are made at Prescott, in Lancashire. On the Continent watches are manufactured at Paris, Geneva and Neuchatel. In the valleys of the Alpine Jura, watch making is largely carried on, and the product is cheapened by specialisation along certain lines of work. The cost of manufacture is thus greatly reduced, and Swiss handmade watches have competed successfully with the machine-made product of other countries. American watches, made at Waltham and Waterbury (Connecticut) are celebrated. The import of watches into the United Kingdom is valued at nearly a million sterling; the export is very small.

Whaling, though once an important industry, has gradually declined. The right, or GREENLAND WHALE (*Balæna mysticetus*) inhabits the Arctic seas and is the species that supplies whalebone—a horny substance from the upper jaw—and train oil, from the fat or blubber under the skin. The SPERM WHALE (*Catodon macrocephalus*), a native of the Southern Ocean, yields sperm oil—a valuable lubricant for machinery—and spermaceti—a mass of white substance found in a large cavity of the skull—which is used as a basis for ointments and in the manufacture of sperm candles. The principal ports now engaged in whaling are Dundee, in Scotland, and San Francisco in the United States.

Wheat.—The geographical range of wheat extends from the tropics of Cancer and Capricorn to the 60th parallel of N. Lat. and the 40th of S. Lat. The principal wheat growing countries of the world are the United States, Russia, France, India, Austria Hungary, Germany, Canada, Italy, Spain and Argentina. The average annual wheat production of twelve principal countries is given in millions of bushels; United States (644), Russia (460), France (310), India (190), Austria Hungary (177), Germany (140), Dominion of Canada (125), Italy (120), Spain (105), Argentina (100), Commonwealth of Australia (63), United Kingdom (60).

The import of wheat and wheat flour into the United Kingdom reaches the enormous annual

weight of 113 million hundredweights, of which 45 million hundredweights are imported from within the Empire. The principal sources of supply in millions of hundredweights are; United States (26), Argentina (20), Dominion of Canada (19), Russia (17½), India (15), Australasia (11).

Whisky is the spirit distilled from barley, malt and rye, chiefly in Scotland and Ireland.

Wine is imported into the United Kingdom, chiefly from France, Bordeaux (claret), Burgundy, Champagne; Germany—Hock, Moselle; Spain—Sherry; Portugal—Port; Australia, California and the Cape of Good Hope. The average annual value is nearly 3 millions sterling.

Wood Pulp is chiefly manufactured from spruce timber, and has become an important industry in Canada, Newfoundland, Sweden and Norway. The average annual import into the United Kingdom is valued at 3½ millions sterling.

Wool, strictly speaking, is the fleece of the sheep, but the term is also applied to the fine hair of other animals. Imports into United Kingdom, 34½ millions. The principal wool-producing countries of the world with their average annual production in millions of lbs. are; Australia and New Zealand (510); Argentina (370); Russia (360); United States (310); United Kingdom (140); British South Africa (100); France (100); Spain (100); Uruguay (100); India (85), all other countries (530). The import of wool into the United Kingdom comes mainly from within the empire; total import from British Possessions, 670 million lbs.; total import from Foreign Countries, 140 million lbs. The Empire import is shared as follows in millions of lbs.: Commonwealth of Australia (320); Dominion of New Zealand (175); South Africa (115); India (55); Falkland Islands (5). More than half the foreign import comes from South America; and nearly half of the total United Kingdom import is re-exported, as London is the world's greatest wool market.

Woollen Manufacture, the oldest important national industry of the United Kingdom, was established as early as the commencement of the thirteenth century, and was at first pretty evenly distributed over the country. The chief woollen manufacturing towns of the West Riding are the county boroughs of Leeds, Bradford, Halifax and Huddersfield; the City of Wakefield; the municipal boroughs of Keighley, Batley, Dewsbury and Todmorden. West of England Cloth is still manufactured in Gloucestershire and Somersetshire; and Tweeds at Stroud and Bradford-on-Avon. In the great sheep areas of mid-Wales and the southern uplands of Scotland a woollen industry, especially in Flannels, has sprung up in the higher and more rapid reaches of the Severn and Tweed at Newtown and Galashiels. Welshpool, Stirling, Kilmarnock, Kidderminster and Leicester are famous for various products woven of wool. In France the manufacture of woollen goods is largely centred in the north near the coal-fields, and also convenient to the raw material, which comes from the native sheep pastured on the Ardennes slopes, or is imported from the United Kingdom and South America through the nearest ports of Havre, and Dunkirk. Amiens, Roubaix, Tourcoing, Reims and Fourmies are towns engaged in the woollen manufacture. In Germany, Aachen (Aix-la-Chapelle) is the centre of the woollen manufacture on the edge of the Belgian coal and iron field. In Silesia, Görlitz, Breslau, and Liegnitz are engaged in the woollen trade. British imports of woollen goods amount to 10 millions sterling and exports to 31½ millions.

Xylodine, an explosive similar to gun cotton, is prepared by the action of nitric acid on starch or woody fibre.

Xylonite is a kind of celluloid (q.v.)

Yak, the Tibet domestic ox, is covered with a thick coat of long, silky hair, that on the lowest parts hanging down on the ground.

Yams, important articles of food in tropical countries are the large tubers of a few species belonging to the Nat. Ord. *Dioscoreaceæ*, especially plentiful in the islands of the Pacific Ocean.

Yarn, or spun thread, may be of cotton, wool, linen or silk (q.v.).

Yew (*Taxus baccata*), a tree of the Nat. Ord. *Coniferæ*, produces timber said to be immune from the attacks of insects.

Zamia, a genus of palm-like trees or low shrubs of the Nat. Ord. *Cycadeæ*, allied to the Coniferæ, are now restricted to the Cape of Good Hope, Australia and Eastern Asia, some species yielding an edible starchy pith.

Zanella, a mixed twilled fabric used for covering umbrellas.

Zephyr Cloth, a thin finely-spun woollen fabric used for women's gowns.

Zinc or **Spelter** does not occur native, but is extracted from one or more of its ores, most largely from Sphalerite or Zinc-blende, the sulphide which is often associated with galena, the sulphide of lead, the two being so generally found together that the mineral is frequently spoken of as lead-zinc ore. The mineral Calamine is the Carbonate. The metal is used in the manufacture of Zinc White, the oxide, a substitute for white lead. Alloyed with copper zinc makes Brass, White Metal and Dutch Metal used in gilding. Galvanising is the process of coating iron plate with zinc. Zinc ores are largely worked in Belgium, Silesia, the Rhine Provinces and Hungary. It is also produced in Flintshire, Derbyshire, Cumberland, Cornwall, Devonshire, Wales and the Isle of Man. The United Kingdom supplies 6,500 tons annually. Twenty-five per cent. of the world's supply is furnished by the United States. The import of zinc ore into the United Kingdom reaches the average annual value of £450,000, besides which we import zinc in cakes valued at 2¼ millions sterling and manufactured articles of zinc worth half a million.

Zylonite, same as Xylonite (q.v.).

GAZETTEER INDEX

THE PRINCIPAL COUNTRIES AND DIVISIONS OF THE WORLD

With the numbers of the Maps in which they are situated.

By using the following list of Countries in conjunction with the Gazetteer Index, the particular map in which any required name is located can be readily found. Thus if Aalborg is the required name a reference to the Gazetteer will show that this place is in Denmark, while the list below shows that Denmark is included in Map No. 54–55.

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ABBREVIATIONS

a. = area. *admin.* = administrative. *agric.* = agriculture. *anc.* = ancient. *Arch.* = Archipelago. *B.* = Bay. *bor.* = borough. *cap.* = capital. *cas.* = castle. *cath.* = cathedral. *cent.* = central, centre. *chan.* = channel. *chf.* = chief. *co.* = county. *col.* = colony. *coll.* = college. *commer.* = commercial. *cst.* = coast. *ctry.* = country. *cy.* = city. *dep.* = department. *dist.* = district. *div.* = division. *Dom.* = Dominion. *E.* = East. *emp.* = empire. *episc.* = episcopal. *F.* = Firth. *fed.* = federal. *fort.* = fortified. *G.* = Gulf. *gd.* = grand. *gov.* = government. *grp.* = group. *harb.* = harbour. *I., Is., isl., isls.* = island(s). *imp.* = important. *junc.* = junction. *kgdm.* = kingdom. *L.* = Lake, Loch, Lough. *l. bk.* = left bank. *Lr.* = Lower. *m.* = miles. *marit.* = maritime. *met. bor.* = metropolitan borough. *mil.* = military. *min. sprs.* = mineral springs. *min. tn.* = mining town. *mkt. tn.* = market town. *mnfg.* = manufacturing. *mnfs.* = manufactures. *mt., mts.* = mountain(s). *mth.* = mouth. *N.* = North. *nat.* = native. *nav.* = naval. *navig.* = navigation. *p.* = population. *par.* = parish. *parl.* = parliamentary. *pen.* = peninsula. *pk.* = peak. *Pres.* = Presidency. *princip.* = principality. *protcc.* = protectorate. *prov.* = province. *prt.* = port. *pt.* = point. *R., riv.* = River. *r. bk.* = right bank. *repub.* = republic. *res.* = resort. *rge.* = range. *rly.* = railway. *rns.* = ruins. *S.* = South. *sett.* = settlement. *spr(s).* = spring(s). *spt.* = seaport. *sq. m.* = square miles. *sta.* = station. *sub.* = suburb. *sum. res.* = summer resort. *terr.* = territory. *tn.* = town. *trib.* = tributary. *univ.* = university. *Up.* = Upper. *urb. dist.* = urban district. *vil.* = village. *volc.* = volcano, volcanic. *W.* = West. *w. pl.* = watering place.

Aalborg, spt., cy., Jutland, Denmark ; p. 31,509. 57.02 N., 9.55 E.
Aalesund, tn., Romsdal, Norway ; cod fish ; p. 11,777. 62.28 N., 6.15 E.
Aar, riv., Switz., r. bk. trib. of Rhine ; 180 m. long. 47.23 N., 8.02 E.
Aarau, mnfg. tn., cap. Aargau, Switz. ; p. 7,500. 47.24 N., 8.03 E.
Aargau, N. canton, Switz. ; salt ; a. 542 sq. m., p. 214,658. 47.25 N., 8.10 E.
Aarhuus, spt., Jutland, Denmark ; cathedral ; p. 55,193. 56.09 N., 10.13 E.
Abaco (Lucava), two islands in Bahamas, W. Indies. 26.40 N., 77.25 W.
Abbazia, w. pl., Istria, Austria, on Fiume B. ; p. 3,000. 45.20 N., 14.18 E.
Abbeville, mnfg. tn., Somme, France ; woollens ; p. 21,100. 50.07 N., 1.49 E.
Abbitibbi, lake and river, Ontario, Canada. 49.10 N., 79.10 W.
Abbotsford, Roxburgh, Scot., home of Walter Scott. 55.37 N., 2.48 W.
Abeokuta, cy., cap. Egba, S. Nigeria ; p. 100,000. 7.08 N., 3.28 E.
Aberavon, spt., Glamorgan, Wales ; tinplates ; p. 7,560. 51.36 N., 3.47 W.
Aberdare, mkt. tn., Glam., Wales ; coal, iron ; p. 43,400. 51.43 N., 3.23 W.
Aberdeen, chf. cy., pt., N. Scotland ; granite ; p. 181,919. 57.08 N., 2.05 W.
Aberdeenshire, N.E. co., Scot. ; a. 1,971 sq. m., p. 304,440. 57.20 N., 2.30 W.
Aberdovey, Merioneth, Wales, w. pl. ; p. 1,500 ; 52.33 N., 4.04 W.
Abergavenny, mkt. tn., Mon., Eng. ; coal, iron ; p. 7,800. 51.49 N., 3.02 W.
Abergels, w. pl., Denbigh, Wales ; p. 2,080. 53.22 N., 3.35 W.
Aberystwith, w. pl., spt., Card., Wales ; univ. coll. ; p. 8,015. 52.25 N., 4.04 W.
Abeshr, cap. Wadai, Central Africa ; p. 8,000. 12.52 N., 20.43 E.
Abingdon, mkt. tn., Berks., Eng. ; woollens ; p. 6,480. 51.41 N., 1.17 W.
Abo, spt., former cap. Finland ; timber ; p. 46,639. 60.28 N., 22.18 E.
Abomé, former cap. Dahomé, W. Africa ; p. 10,700. 7.26 N., 2.03 E.
Aboukir Bay, Lower Egypt ; sea-fight, 1798. 31.17 N., 30.04 E.
Abraham, Plains of, Quebec, Canada ; battle 1759. 46.46 N., 71.14 W.
Abrantes, tn., Portugal, on the Tagus ; p. 6,380. 39.29 N., 8.11 W.
Abruzzi e Molise, division, Cent. Italy ; p. 1½ mil. 42.00 N., 14.00 E.
Abu, mt., Rajputana, India ; height 5,653 ft. 24.48 N., 72.51 E.
Abu Klea, E. Sudan, Africa ; battle 1885. 17.00 N., 33.18 E.
Abyssinia, ctry., E. Af. ; a. 180,000, sq. m., p. 10 mil. 12.30 N., 39.00 E.
Acapulco, spt., Guerrero, Mexico, on Pacific ; p. 5,000. 16.50 N., 99.52 W.
Acarnania and Ætolia, N.W. prov., Greece ; p. 141,407. 38.45 N., 21.30 E.
Accra, cap. Brit. Gold Cst. Col., W. Africa, spt. ; p. 14,842. 5.42 N., 0.12 W.

Accrington, mnfg. tn., Lancs, Eng. ; cotton ; p. 43,120. 53.45 N., 2.20 W.
Achaia, cent. prov., Greece ; p. 150,918. 38.0 N., 21.40 E.
Achill, isl., Ireland, off W. coast Mayo ; p. 4,300. 53.54 N., 10.03 W.
Achin (Kota Raja), cap. prov., Sumatra ; p. 10,000. 5.36 N., 95.25 E.
Aci Reale, mnfg. tn., spt., Catania, Sicily ; p. 26,430. 37.35 N., 15.09 E.
Aconcagua, volc., S. Amer., hghst pk. of Andes ; 23,081 ft. 32.30 S., 70.48., W.
Acqui, anc. cy., Alessandria, Italy ; p. 13,940. 44.41 N., 8.27 E.
Adalia, spt., S. coast Asia Minor, on A. Gulf ; p. 30,000. 36.53 N., 30.46 E.
Adamawa, fertile district of German Kameruns ; ivory. 8.00 N., 13.30 E.
Adam's Peak, sacred mt., S. Ceylon ; 7,420 ft. high. 6.50 N., 80.34 E.
Adana, cap. of A. prov., in S.E. of Asia Minor ; p. 40,000. 37.00 N., 35.07 E.
Adda, riv., N. Italy, r. bk. trib. of the Po ; 180 m. 45.10 N., 9.49 E.
Addis Abbaba, cap. of Abyssinia ; p. 35,000. 9.05 N., 38.58 E.
Adelaide, cap. S. Australia ; woollen goods ; p. 184,393. 34.53 S., 138.39 E.
Adelaide, Port, spt. of Adelaide, S. Australia, p. 21,000. 34.38 S., 138.46 E.
Adelsberg, mkt. tn., Carniola, Austria ; caves ; p. 1,800. 45.47 N., 14.13 E.
Aden, Brit. spt. and pen., S. Arab., coal. stn. ; p. 41,250. 12.52 N., 45.05 E.
Adige, riv., Austria and Italy ; 234 m. long. 45.40 N., 10.53 E.
Adirondacks, mts., New York State, U.S. ; peak 5,402 ft. 44.08 N., 74.00 W.
Admiralty Is., N.E. of New Guinea ; gum ; a. 878 sq. m. 2.10 S., 147.00 E.
Adour, riv., France ; flows 208 m. to B. of Biscay. 43.34 N., 1.30 W.
Adowa, cap. Tigré, Abyssinia ; trade centre ; p. 4,000. 14.10 N., 38.56 E.
Adra, spt., Almeria, Spain ; lead mines near ; p. 9,040. 36,45 N., 3.02 W.
Adria, tn., Rovigo, Italy ; very ancient cy. ; p. 11,320. 45.02 N., 12.03 E.
Adrianople, cap. Edirne, Turkey in Eur. ; p. 80,886. 41.41 N., 26.33 E.
Adriatic Sea, arm of Mediterranean ; a. 52,220 sq. m. 44.00 N., 14.00 E.
Ægean Sea, between Greece and Asia Minor. 38.00 N., 25.00 E.
Ægina, isl. tn., Greece ; a. of isl. 33 sq. m., p. 9,000. 37.44 N., 23.30 E.
Afghanistan, ctry., Asia ; a. 245,000 sq. m., p. 4,900,000. 33.00 N., 65.00 E.
Afiun-Kara-Hissar, cy., Asia Minor ; opium ; p. 20,000. 38.43 N., 30.19 E.
Africa, continent, a. 11,900,000 sq. m., p 210,000,000. 20.00 N., 10.00 E.
Agades, cap. of Asben, N.W. Africa ; p. 7,000. 17.00 N., 8.02 E.
Agdé, tn., port, Hérault, France, on Can. du Midi ; p. 9,500. 43.17 N., 3.30 E.
Agen, mnfg. tn., cap. Lot-et-Garonne, France ; p. 22.500. 44.13 N., 0.38 E.
Agincourt, vil., Pas-de-Calais, France ; battle 1415. 50.27 N., 2.09 E.
Agra, cy., United Provs., India ; shoes ; p. 188,022. 27.10 N., 77.59 E.
Agram, cap. Croatia, Austria ; p. 61,000. 45.50 N., 15.58 E.
Aguas Calientes, tn., Mexico ; hot springs ; p. 32,500. 21.51 N., 102.16 W.
Aguilas, port, Murcia, Spain ; smelting ; p. 12,500. 37.27 N., 1.37 W.
Agulhas, cape, most southern point of Africa. 34.47 S., 20.06. E.
Ahmadabad, cy., Bombay ; pottery ; p. 185,890. 23.02 N., 72.32 E.
Ahmadnagar, mnfg. tn., Bombay ; carpets ; p. 42,030. 19.08 N., 74.43 E.
Aidin, cap. Smyrna, Asia Minor ; leather ; p. 37,000. 37.48 N., 27.48 E.
Ailsa Craig, rocky islet, Scot., in Firth of Clyde. 55.16 N., 5.07 W.
Ain. dep. and riv., E. France ; a. 2,249 sq. m., p. 345,856. 46.07 N., 5.23 E.
Aintab, tn., Aleppo, Turkey in Asia ; vines ; p. 40,000. 37.04 N., 37.25 E.
Air (Asben), kingdom, N. Cent. Africa ; p. 60,000. 18.25 N., 8.30 E.
Airdrie, mkt. tn., Lanark, Scot. ; coal near ; p. 22,500. 55.58 N., 4.01 W.
Aird's Moss, moorish tract, Ayr, Scot. ; battle 1680. 55.30 N., 4.15 W.
Aire-sur-Lys, fort. tn., Pas-de-Calais, Fr. ; p. 8,300. 50.38 N., 2.25 E.
Aisne, dep., riv., N. France ; a. 2,868 sq. m., p. 534,495. 49.30 N., 3.30 E.
Aivalik, spt. tn., N.W. Asia Minor ; p. 35,000. 39.18 N., 26.41 E.
Aix, tn., Bouches-du-Rhone, France ; springs ; p. 29,600. 43.33 N., 5.25 E.
Aix-la-Chapelle (Aachen), cy., Rhenish Prussia ; p. 144,095. 50.46 N., 6.08 E.
Aix-les-Bains, tn., Savoie, France ; springs ; p. 8,200. 45.42 N., 5.53 E.
Ajaccio, spt., cap. Corsica ; sardines ; p. 22,250. 41.55 N., 8.44 E.
Ajmere, cy., Rajputana, Br. India ; cotton ; p. 75,500. 26.28 N., 74.37 E.
Ajodhya, anc. cy., United Provs., Br. India ; p. 7,500. 26.40 N., 82.17 E.
Akerman, tn., port, Bessarabia, Russia, p. 28,500. 46.12 N., 30.19 E.
Akhtyrka, tn., Kharkov, Russia ; p. 23,500. 50.22 N., 34.57 E.

Akmolinsk, cap. A. prov., Russ. Cent. Asia ; p. 9,560. 51.03 N., 71.22 E.
Akron, cy., Ohio, U.S. ; woollens, flour ; p. 50,738. 41.07 N., 81.37 W.
Ak-su, tn., E. Turkestan ; cotton cloth ; p. 21,000. 41.13 N., 80.18 E.
Akyáb, spt. tn., Burma ; good harbour ; p. 43,990. 20.08 N., 92.48 E.
Ala Dagh, mt. range, Armenia ; height 11,000 ft. 39.25 N., 43.15 E.
Alabama, S.E. state, U.S. ; a. 51,540 sq. m., p. 2,080,937. 32.30 N., 87.00 W.
Alagoas, tn., prov. A., Brazil ; sugar ; p. 5,000. 9.53 S., 36.03 W.
Alais, tn., Gard, France ; coal, iron ; p. 24,970. 44.07 N., 4.06 E.
Alameda, w. pl., California, U.S. ; p. 20,000. 37.56 N., 122.16 W.
Alamos, tn., Sonora, Mexico ; copper ; p. 10,000. 26.50 N., 109.02 W.
Aland Is., Russian group in G. of Bothnia ; p. 24,000. 60.15 N., 20.00 E.
Ala-shehr, sacred cy., W. Asia Minor ; p. 15,000. 38.20 N., 28.28 E.
Alaska, U.S. terr., N. Am. ; a. 581,400 sq. m., p. 60,000. 55.00 N., 160.00 W.
Ala-tau, mt. ranges, Cent. Asia and Siberia. 42.30 N., 80.00 E.
Alava, prov., N. Spain ; a. 1,205 sq. m., p. 96,500. 42.45 N., 2.45 W.
Alba, anc. cy., Cuneo, Italy ; cathedral ; 13,720. 44.42 N., 8.02 E.
Albacete, cap. A. prov., Spain ; cattle fairs ; p. 21,900. 38.59 N., 2.05 W.
Albania, S.W. region, Turkey in Europe ; p. 1½ mil. 41.00 N., 20.20 E.
Albano, tn., Rome, Italy ; bishop's see ; p. 8,550. 41.44 N., 12.39 E.
Albany, cap. N.Y. State, U.S. on Hudson R. ; p. 98,537. 42.37 N., 73.51 W.
Albany, port, W. Australia, on K. George Sd. ; p. 3,750. 34.59 S., 117.50 E.
Albay, tn., Luzon, Philippines, near A. bay ; p. 13,300. 13.16 N., 123.41 E.
Albemarle Sound, channel, N. Car., U.S. ; 55 m. long. 35.57 N., 76.30 W.
Albert Edward Nyanza (L. Edward), Equatorial Africa. 0.30 S., 30.00 E.
Albert Nyanza, lake, E. Cent. Africa, 100 m. by 25 m. 1.45 N., 29.45 E.
Alberta, prov., Canada ; a. 253,540 sq. m., p. 372,919. 52.00 N., 115.00 W.
Albi, cap. Tarn, France ; archbishop's see ; p. 22,950. 43.55 N., 2.09 E.
Albuera, vil., Badajoz, Spain ; French defeated, 1811. 38.40 N., 6.49 W.
Albury, tn., New S. Wales ; on Murray R. ; p. 5,870. 36.04 S., 146.57 E.
Alcala de Henares, tn., Madrid, Spain ; p. 14,975. 40.29 N., 3.23 W.
Alcala la Real, fort. tn., Jaen, Spain ; p. 16,100. 37.28 N., 4.12 W.
Alcamo, ancient tn., Trapani, Sicily ; p. 52,100. 37.58 N., 12.57 E.
Alcantara, anc. tn., Caceres, Spain ; p. 3,450. 39.42 N., 6.54 W.
Alcester, mkt. tn., Warwick, Eng. ; on R. Arrow ; p. 2,410. 52.13 N., 1.52 W.
Alcira, tn., Valencia, Spain, on Jucar R. ; p. 20,580. 39.11 N., 0.24 W.
Alcóy, tn., Alicante, Spain ; mnfs. paper ; p. 32,520. 38.44 N., 0.28 W.
Aldeburgh, spt., w. pl., Suffolk, Eng. ; p. 2,420. 52.09 N., 1.36 E.
Alderney, one of the Channel Is. ; cows ; p. 2,075. 49.43 N., 2.12 W.
Aldershot, tn., Hants, Eng. ; permanent camp ; p. 31,500. 51.14 N., 0.45 W.
Alemtejo, prov., Portugal ; a. 9,381 sq. m., p. 420,000. 38.30 N., 7.40 W.
Alençon, cap. Orne, France ; mnfs. lace ; p. 17,550. 48.25 N., 0.05 E.
Aleppo, cap. A. prov., Turkey in A. ; trade cent. ; p. 200,000. 36.14 N., 37.09 E.
Alessandria, cap. A. prov., Italy ; rly. centre ; p. 71,299. 44.55 N., 8.37 E.
Aletsch, glacier, Switz., lgst. in Europe ; 12½ m. long. 46.24 N., 8.00 E.
Aleutian Is., U.S. group, W. of Alaska ; p. 2,500. 52.00 N., 175.00 E.
Alexandretta, spt., Turkey in A. ; large trade ; p. 1,500. 36.33 N., 36.11 E.
Alexandria, chief spt., Egypt ; export trade ; p. 332,246 31.09 N., 29.54 E.
Alexandria, tn., Dumbarton, Scot. ; p. 8,009. 55.59 N., 4.33 W.
Alexandria, spt. cy., Virginia, U.S. ; cotton ; p. 14,600. 38.47 N., 77.11 W.
Alexandropol, tn., Transcaucasia ; silk ; p. 30,616. 40.50 N., 43.26 E.
Alexandrovsk, tn., Ekaterinoslav, Russia ; p. 16,600. 47.44 N., 35.16 E.
Alfreton, mkt. tn., Derby, Eng. ; hats ; p. 17,355. 53.06 N., 1.24 W.
Algarve, S. prov., Portugal ; a. 1,873 sq. m., p. 257,650. 37.15 N., 8.00 W.
Algeciras, spt. tn., Cadiz, Spain ; oranges ; p. 13,450. 36.08 N., 5.29 W.
Algeria, Fr. terr., N. Africa ; a. 343,500 sq. m., p. 5¼ mil. 35.00 N., 5.00 E.
Alghero, spt., W. Sardinia ; cathedral ; p. 10,850. 40.33 N., 8.19 E.
Algiers, spt., cap. Algeria ; extensive trade ; p. 154,050. 36.43 N., 3.03 E.
Algoa B., on S.E. coast Africa ; P. Elizabeth on W. 33.50 S., 25.50 E.
Alhambra, famous Moorish palace, near Granada, Spain. 37.12 N., 3.35 W.
Alicante, spt., cap. A. prov., Spain ; exports ; p. 50,142. 38.23 N., 0.25 W.

Aligarth, fort. tn., United Provs., Br. India ; p. 70,500. 27.53 N., 78.05 E.
Aliwál, vil., Punjab, Br. India ; British victory, 1846. 30.57 N., 75.33 E.
Aliwal North, tn., Cape Colony ; good trade ; p. 3,500. 30.33 S., 26.55 E.
Aliwal South (Mossel Bay), spt., Cape Colony ; p. 3,000. 34.12 S., 22.06 E.
Alkmaar, tn., N. Holland ; dairy produce ; p. 19,100. 52.38 N., 4.46 E.
Allahábád, tn., dist., United Provs., Br. Ind. ; p. 173,000. 25.25 N., 81.51 E.
Allegheny Mts., N. America, parallel ranges. 37.00 N., 80.30 W.
Allegheny, riv., Penn., U.S., trib. of Ohio ; 400 m. 41.10 N., 79.42 W.
Allegheny, cy., Penn., U.S., iron works ; p. 145,240. 40.27 N., 80.08 W.
Allen, Bog of, morasses, King's Co. and Kildare, Ire. 53.20 N., 7.00 W.
Allen, Lough, lake, Leitrim, Ire. ; a. 8,900 ac. 54.08 N., 8.04 W.
Allendale, mkt. tn., Northumb, Eng. ; lead ; p. 3,009. 54.54 N., 2.12 W.
Allenstein, tn., E. Prussia prov. ; iron works ; p. 24,500. 53.47 N., 20.28 E.
Allentown, cy., Penn., U.S. ; iron works ; p. 41,595. 40.33 N., 75.32 W.
Alleppey, spt. tn., Travancore, India ; p. 25,200. 9.29 N., 76.19 E.
Allier, dep., riv., Cent. France ; a. 2,822 sq. m., p. 417,961. 46.25 N., 3.10 E.
Alloa, co. tn., spt., Clackmannan, Scot. ; p. 11.650. 56.07 N., 3.47 W.
Alma, riv., Crimea, Russia ; battle 1854. 44.52 N., 33.50 E.
Almaden, tn., Spain ; quicksilver mines ; p. 8,126. 38.48 N., 4.48 W.
Almansa, tn., Albacete, Spain ; battle 1707 ; p. 9,490. 38.53 N., 1.07 W.
Almeria, spt. cy., cap. A. prov. Spain ; fruit ; p. 47,750. 36.51 N., 2.32 W.
Almodovar, tn., Ciudad Real, Spain ; silver ; p. 12,500. 37.46 N., 5.53 W.
Alnmouth, w. pl., Northumb, Eng. ; p. 620. 55.24 N., 1.37 W.
Alnwick, co. tn., Northumb, Eng. ; coal ; p. 7,500. 55.25 N., 1.43 W.
Alora, tn., Malaga, Spain ; min. springs ; p. 10,570. 36.52 N., 4.44 W.
Alost, fort. tn., E. Flanders, Belg. ; fine church ; p. 33,496. 50.57 N., 4.02 E.
Alpena, cy., Mich., U.S. ; resort ; foundries ; p. 12,400. 45.05 N., 83.27 W.
Alpes-Marit., dep., S.E. Fr. ; a. 1,482 sq. m., p. 334,007. 43.55 N., 7.05 E.
Alps, mt. system, Cent. Europe ; Mont Blanc, 15,784 ft. 47.00 N., 11.00 E.
Alsace-Lorraine, imp. terr., Ger., a. 5,580 sq. m., p. 1¾ mil. 48.00 N., 6.00 E.
Alsen, Prussian isl. in the Baltic Sea ; p. 25,000. 50.00 N., 9.55 E.
Altai Mts., range, Cent. Asia ; peaks 11,000 ft. 55.00 N., 90.0, E.
Altamura, tn., Bari, Italy ; cathedral ; p. 22,850. 40.49 N., 16.32 E.
Altdorf, cap. Uri, Switz. ; Tell monument ; p. 3,250. 46.53 N., 8.38 E.
Altea, spt., Alicante, Spain ; p. 5,900. 38.36 N., 0.03 W.
Altena, mnfg. tn., Westphalia, Prussia ; p. 12,950. 51.18 N., 7.41 E.
Altenburg, cap. Saxe-A., Ger. ; castle ; p. 38,818. 50.58 N., 12.26 E.
Alton, tn., Hants, Eng. ; breweries ; p. 5,600. 51.09 N., 0.58 W.
Alton, cy., port, Ill., U.S., on Mississippi ; p. 16,562. 38.53 N., 90.11 W.
Altona, tn., port, Prussia ; adjoins Hamburg ; p. 168,320. 53.32 N., 9.56 E.
Altoona, cy., Penn., U.S. ; locomotives ; p. 47,910. 40.31 N., 78.25 W.
Altrincham, mkt. tn., Cheshire, Eng. ; fruit ; p. 17,150. 53.23 N., 2.22 W.
Alva, mnfg. tn., Clackmannan, Scot. ; shawls ; p. 4,800. 56.09 N., 3.47 W.
Alvarado, spt., Mexico, on G. of Mexico ; p. 6,000. 18.45 N., 95.43 W.
Alwar, cap. A. state, Rajputana, India ; p. 57,000. 27.34 N., 76.34 E.
Amalfi, Spt., Salerno, Italy ; cathedral ; p. 7,792. 40.38 N., 14.36 E.
Amarápura, former cap. Burma ; earthquake 1839. 21.55 N., 96.07 E.
Amasia, tn., Asia Minor ; exports salt ; p. 27,000. 40.36 N., 36.00 E.
Amazon, chief riv. S. America ; length about 3,050 m. 0.00, 50.00 W.
Amazonas, prov., Brazil ; a. 750,000 sq. m., p. 249,750. 5.30 S., 65.00 W.
Ambálá, cy., rly. junc., Punjab, Br. India ; p. 78,970. 30.24 N., 76.47 E.
Amberg, tn., Bavaria, Ger. ; arsenal ; p. 24,303. 49.27 N., 11.52 E.
Ambleside, mkt. tn., Westmld., Eng., in Lake Dist. ; p. 2,600. 54.26 N., 2.58 W.
Amboise, tn., Indre-et-Loire, France ; castle ; p. 4,560. 47.24 N., 0.59 E.
Amboina, isl., tn., Moluccas, E. Indies ; isl. p. 39,000. 3.45 S., 128.15 E.
Ambriz, tn., spt., Port. Lr. Guinea ; exp. coffee ; p. 5,000. 7.48 S., 13.00 E.
America, continent ; a. 16,500,000 sq. m., p. 150 mil. 40.00 N., 80.00 W.
Amersfoort, tn., Utrecht, Holland ; grain ; p. 19,250. 52.08 N., 5.23 E.
Amherst, spt., Tenasserim, Burma ; p. 3,200. 16.02 N., 97.33 E.
Amherst, spt., Nova Scotia, Canada ; p. 5,000. 45.47 N., 64.07 W.

Amiens, cap. Somme, France ; cathedral ; p. 90,920. 49.53 N., 2.18 E.
Amirante Is., Brit. group in Indian Ocean ; a. 32 sq. m. 6.00 S., 53.00 E.
Amlwch, spt., Anglesey, Wales, on N. coast ; p. 3,100. 53.24 N., 4.21 W.
Amoy, treaty prt., Fukien, China, on A. isl. ; p. 114,000. 24.30 N., 118.07 E.
Amráoti, cap. A. dist., Berar, Br. India ; p. 34,250. 20,00 N., 77.00 E.
Amritsar, cy., Punjab, Br. India ; mnfs. ; p. 163,250. 31.37 N., 74.48 E.
Amsterdam, commercial cap., Holland ; p. 565,589. 52.22 N., 4.53 E.
Amsterdam, mnfg. tn., New York, U.S. ; p. 23,943. 42.58 N., 74,10 W.
Amu Daria (Oxus), riv., Cent. Asia ; 1,500 m. 39.00 N., 64.00 E.
Amur, riv., E. Asia ; enters St. of Okhotsk ; 3,000 m. 51.00 N., 139.00 E.
Anadyr, gulf, riv., N.E. Siberia ; riv. 500 m. 64.30 N., 178.00 W.
Ancona, spt., cap. A. prov., Italy ; silk ; p. 56,835. 43.37 N., 13.31 E.
Andalusia, region, S. Spain ; a. 33,340 sq. m., p. 3½ mil. 37.30 N., 5.00 W.
Andaman Is., group in B. of Bengal ; p. 18,500. 12.00 N., 93.00 E.
Andernach, tn., Rhen. Prussia ; cas. ruins ; p. 7,950. 50.25 N., 7.23 E.
Anderson, co. cap., Indiana, U.S. ; engines ; p. 22,505. 40.07 N., 85.43 W.
Andijan, tn., Russ. C. Asia ; earthqu. 1902 ; p. 47,627. 40.55 N., 73.40 E.
Andorra, republic, between France and Spain ; p. 5,231. 42.34 N., 1.35 E.
Andover, mkt. tn., Hants, Eng. ; corn ; p. 6,720. 51.13 N., 1.28 W.
Andover, tn., Mass., U.S. ; educational centre ; p. 6,950. 43.24 N., 79.53 W.
Andria, cy., Bari, Italy ; cathedral ; p. 50,500. 41.12 N., 16.18 E.
Andros, isl., tn., Greek Archipelago ; total p. 20,850. 37.50 N., 24.50 E.
Angara, riv., Siberia ; trib. of the Yenisei. 55.00 N., 103.57 E.
Angers, cy., Maine-et-Loire, France ; wool ; p. 82,935. 47.28 N., 0.33 W.
Anglesey, isl. co., N.W. Wales ; a. 302 sq. m. p. 51,000. 53.17 N., 4.22 W.
Angola, Portug. terr., W. Afr. ; a. 484,800 sq. m., p. 4 mil. 8.00 S., 15.00 E.
Angora, tn., Asia Minor ; goat wool ; p. 32,000. 39.56 N., 32.41 E.
Angostura, port, Venez. ; now Ciudad Bolivar (q.v.). 8.08 N., 63.57 W.
Angoulême, cap. Charente, France ; paper ; p. 37,507. 45.39 N., 0.10 E.
Angra, spt., cap. Azores, on Terceira I. ; p. 10,788. 38.38 N., 27.13 W.
Angra Pequeña, bay and port, German S.W. Africa. 26.35 S., 15.05 E.
Anhalt, duchy, Cent. Germany ; a. 869 sq. m., p. 329,413. 51.45 N., 12.00 E.
Anhwei, prov., China ; a. 54,826 sq. m., p. 23½ mil. 32.00 N., 117.00 E.
Anjou, former prov., N.W. France ; a. 3,500 sq. m. 47.18 N., 0.30 W.
Anking, port, cap. Anhwei, China ; p. 42,000. 30.36 N., 117.06 E.
Anklam, tn., Pomerania, Prussia ; iron ; p. 19,750. 53.48 N., 13.42 E.
Ankober, cap. Shoa, Abyssinia ; p. 12,000. 9.35 N., 39.54 E.
Ann Arbor, cy., Mich., U.S. ; university ; p. 14,590. 42.18 N., 83.48 W.
Annaberg, mining tn., Saxony, Ger. ; p. 16,850. 50.35 N., 13.01 E.
Annam, Fr. protectorate, Indo-China ; p. 6,250,000. 15.00 N., 108.00 E.
Annan, spt., Dumfries, Scotland ; p. 7,150. 54.59 N., 3.15 W.
Annapolis, spt., Nova Scotia, on A. riv. ; p. 1,200. 44.45 N., 65.26 W.
Annapolis, cap. Maryland, U.S. ; p. 9,148. 38.54 N., 76.38 W.
Annecy, cap. Haute-Savoie, France ; linens ; p. 14,100. 45.54 N., 6.07 E.
Annonay, tn., Ardèche, France ; paper ; p. 17,850. 45.14 N., 4.43 E.
Ansbache, tn., Bavaria ; furniture ; p. 18,100. 49.18 N., 10.33 E.
Antanànarivo, cap. Madagascar ; p. 72,000. 18.46 S., 47.00 E.
Antarctic Ocean, water area, S. of Antarctic Circle. 0.00,70.00 S.
Antequera, tn., Malaga, Spain ; cas. ruins ; p. 32,100. 37.04 N., 4.33 W.
Anticosti, Canadian isl., in G. of St. Lawrence. 49.25 N., 63.00 W
Antietam, riv., Maryland, U.S. ; battle 1862. 39.24 N., 77.44 W.
Antigua, isl., Br. W. Indies ; sugar ; p. 34,970. 17.5 N., 61.48 W.
Anti-Lebanon, mt. range, Syria ; summit 9,000 ft. 33.55 N., 36.20 E.
Antioch, cy., Syria ; warm springs ; p. 17,700. 36.14 N., 36.12 E.
Antiparos, isl., Cyclades ; a. 13½ sq. m., p. 730. 37.00 N., 25.04 E.
Antisana, volc., Ecuador, in Andes; 19,335 ft. 0.40 S., 77,18 W.
Antivari, spt., Montenegro, fortified ; p. 1,500. 42.05 N., 19.10 E.
Antofagasta, spt., cap. A. prov., Chile ; p. 32,496. 23.42 S., 70.30 E.
Antrim, marit. co., Ireland ; a. 1,192 sq. m., p. 196,090. 54.50 N., 6.10 W.
Antwerp, cy., port, Belgium ; naval arsenal ; p. 314,135. 51.13 N., 4.23 E.

Anzin, tn., Nord, France ; coal-mining ; p. 14,850. 50.22 N., 3.27 E.
Aosta, cy., Turin, Italy ; cathedral ; p. 7,850. 45.44 N., 7.19 E.
Apeldoorn, tn., Gelderland, Holland ; paper ; p. 34,890. 52.13 N., 5.57 E.
Apennines, mt. chain, Italy ; 740 m. in length. 44.00 N., 12.00 E.
Apenrade, spt., Schleswig-Holstein, Prussia ; p. 6,250. 55.02 N., 9.25 E.
Apolda, tn., Saxe-Weimar, Ger. ; hosiery ; p. 21,262. 51.02 N., 11.30 E.
Appalachians, mt. system, N. Amer. ; 1,320 m. long. 37.00 N., 80.30 W.
Appalachicola, cy., spt., Flor., U.S., on A. riv. ; p. 3,465. 29.46 N., 84.85 W.
Appenzell, canton, tn., Switz. ; canton p. 69,910. 47.20 N., 9.22 E.
Appleby, co. tn., Westmorland, Eng. ; castle ; p. 1,865. 54.34 N., 2.30 W.
Appleton, cy., Wisconsin, U.S. ; machinery ; p. 17,383. 44.18 N., 88.21 W.
Apsheron, pcn. on W. coast Caspian Sea ; petroleum. 40.08 N., 50.00 E.
Apulia, S.E. div. of Italy ; a. 8,540 sq. m., p. 2,099,945. 40.45 N., 17.15 E.
Apure, riv., S. America, trib. Orinoco R. ; 1,000 m. 7.27 N., 67.00 W.
Apurimac, riv., prov., Peru ; riv. 500 m. long. 9.10 S., 73.10 W.
Aguila, cap A. prov., Italy ; saffron ; p. 21,188. 42.21 N., 13.24 E.
Arabia, gt. S.W. pcn., Asia ; a. 1,230,000 sq. m., p. 5 mil. 25.00 N., 46.00 E.
Arabian Sea, northern part of Indian Ocean. 15.00 N., 65.00 E.
Arad, two tns., Hungary, Old and New ; p. 62,500. 46.10 N., 21.17 E.
Aragon, old kingdom, Spain ; a. 17,980 sq. m., p. 913,000. 41.30 N., 0.30 W.
Araguay, riv., Brazil, trib. Tocantins R. ; 1,000 m. 14.15 S., 50.25 W.
Arakan, N. div., Br. Burma ; a. 14,526 sq. m., p. 787,600. 20.38 N., 93.27 E.
Aral, large lake, Russ. Cent. Asia ; a. 24,000 sq. m. 45.00 N., 60.00 E.
Aran Isles, group in Galway B., Ireland ; p. 3,150. 53.08 N., 9.44 W.
Aranjuez, tn., Madrid, Spain ; castle ; p. 11,950. 40.00 N., 3.38 W.
Ararat, volc. mt., Armenia ; peak 16,970 ft. 37.20 S., 142.57 E.
Ararat, Mount, granite hill, Arabia, 15 m. S.E. of Mecca. 21.15 N., 40.26 E.
Aras, chief riv., Armenia ; 635 m. long. 39.27 N., 47.40 E.
Aravalli Mts., range, W. India ; extend 300 m. 25.00 N., 73.20 E.
Arbroath, spt., Forfar, Scot. ; mnfs. linen ; p. 22,650. 56.33 N., 2.35 W.
Arcachon, w. pl., Gironde, France ; oysters ; p. 8,640. 44.41 N., 1.09 W.
Arcadia, south-western prov., Greece ; p. 162,324. 37.35 N., 22.20 E.
Archaig, lake, Inverness, Scot. ; 12 m. long. 57.00 N., 5.12 W.
Archangel, spt., mnfg. tn., cap. A. gov., Russia ; p. 21,096. 64.33 N., 40.33 E.
Archipelago, the isl. grps. between Greece & Asia Minor. 38.00 N., 26.00 E.
Arcis-sur-Aube, tn., Aube, Fr. ; bat. 1814 ; p. 2,940. 48.33 N., 4.08 E.
Arcot, cy., Madras, Br. India ; siege 1751 ; p. 12,000. 12.52 N., 79.21 E.
Arctic Ocean, water area, N. of Arctic Circle. 0.00, 70.00 N.
Ardalan, prov., Persia ; a. 6,000 sq. m., p. 150,000. 35.20 N., 47.00 E.
Ardèche, dep., S. France ; a. 2,136 sq. m., p. 347,140. 44.40 N., 4.30 E.
Ardee, tn., Louth, Ireland ; castle ; p. 2,450. 53.52 N., 6.33 W.
Ardennes, extensive forest in S.E. corner of Belgium. 49.50 N., 4.50 E.
Ardennes, dep., N.E. France ; a. 2,020 sq. m., p. 317,505. 49.40 N., 4.40 E.
Ardnamurchan Point, most W. pt. of mainland of Scotland. 56.44 N., 6.14 W.
Ardrishaig, spt., Argyll, Scotland ; p. 1,500. 56.01 N., 5.27 W.
Ardrossan, w. pl., spt., Ayr, Scot. ; coal ; p. 6,350. 55.38 N., 4.50 W.
Arecibo, spt., N. coast Porto Rico, W. Indies ; p. 10,000. 18.29 N., 66.42 W.
Arendal, spt., S. coast Norway ; good harb. ; p. 11,130. 58.28 N., 8.51 E.
Arequipa, cy., dep., volc., Peru ; cy. p. 38,000. 16.23 S., 71.31 W.
Arezzo, cy., cap. A. prov., Italy ; silk ; p. 44,316. 43.27 N., 11.53 E.
Argenteuil, tn., Seine-et-Oise, France ; p. 17,850. 48.57 N., 2.14 E.
Argentine Repub., S. Amer. ; a. 1,125,086 sq. m., p. 6½ mil. 35.00 S., 65.00 W.
Argolis, prov., N.E. Greece ; p. 81,894. 37.42 N., 22.54 E.
Argostoli, cap. Cephalonia I., Greece ; p. 10,000. 38.11 N., 20.29 E.
Argyllshire, co., W. Scot. ; a. 3,213 sq. m., p. 73,642. 56.30 N., 5.30 W.
Ariano, cy., Avellino, Italy ; cathedral ; p. 17,900. 41.08 N., 15.07 E.
Arica, spt., Tacna, Chile ; copper ; p. 4,000. 18.23 S., 70.20 W.
Ariège, dep., riv., S. France ; a. 1,890 sq. m., p. 205,684. 42.55 N., 1.30 E.
Arinos, riv., S.W. Brazil, trib. of Tapajos ; 700 m. 10.25 S., 57.10 W.
Arizona, state, U.S. ; a. 112,920 sq. m., p. 143,745. 33.00 N., 110.00 W.

Arkansas, S. State, U.S. ; a. 53,850 sq. m., p. 1,421,574. 35.00 N., 92.30 W.
Arkansas, riv., U.S., trib. of Mississippi ; 1,514 m. 35.08 N., 93.00 W.
Arkansas City, mnfg. tn., Kansas, U.S. ; p. 6,350. 37.05 N., 97.04 W.
Arklow, spt., Wicklow, Ireland ; cas. ruins ; p. 4,960. 52.47 N., 6.09 W.
Arles, tn., riv. port, Bouches-du-Rhone, Fr. ; p. 30,100. 43.42 N., 4.37 E.
Armagh, inland co., Ire. ; a. 512 sq. m., p. 125,392. 54.20 N., 6.35 W.
Armagh, cap. co. A., Ireland ; cathedral ; p. 7,700. 54.22 N., 6.39 W.
Armenia, mtnous. country, W. Asia ; p. 2,500,000. 40.00 N., 41.00 E.
Armentières, mnfg. tn., Nord, France ; p. 30,100. 50.43 N., 2.53 E.
Arnhem, cap. Gelderland, Holland ; paper ; p. 63,987. 51.58 N., 5.53 E.
Arnhem Land, former name of N. territory, Australia. 13.35 S., 133.00 E.
Arno, riv., Cent. Italy ; flows W. to the sea ; 140 m. 43.41 N., 10.15 E.
Arnold, mnfg. tn., Notts, Eng. ; lace ; p. 8,950. 53.00 N., 1.07 W.
Arnstadt, tn., Germany, on Gera R. ; p. 16,275. 50.50 N., 10.57 E.
Arolsen, cap. Waldeck, Germany, on the Aar ; p. 2,811. 51.24 N., 9.02 E.
Arrah, tn., Bengal, British India ; p. 47,250. 25.32 N., 84.38 E.
Arran, isl., Scot., in F. of Clyde ; a. 168 sq. m., p. 4,925. 55.35 N., 5.15 W.
Arras, cap. Pas-de-Calais, France ; lace ; p. 26,150. 50.17 N., 2.46 E.
Arta, tn., riv., gulf, Arta, Greece ; p. 7.580. 39.08 N., 20.59 E.
Arthur's Seat, lion-shaped hill, E. of Edinburgh. 55.57 N., 3.10 W.
Artois, old prov., N.E. France ; capital was Arras. 50.30 N., 2.30 E.
Aru Is., grp. in Dutch E. Indies ; a. 2,650 sq. m., p. 15.000. 6.00 S., 134.40 E.
Arundel, tn., Sussex, Eng. ; castle ; p. 2,800. 50.51 N., 0.33 W.
Aruwimi, imp. trib. of Congo R., Cent. Africa. 1.12 N., 25.00 E.
Ascension, Brit. isl. in S. Atlantic ; 7½ m. by 6.m. ; p. 150. 7.57 S., 14.28 W.
Asch, tn., Bohemia, Austria ; silk, cotton ; p. 18,940. 50.14 N., 12.18 E.
Aschaffenburg, tn., Bavaria ; battle 1866 ; p. 25,891. 49.58 N., 9.10 E.
Aschersleben, tn., Pruss. Saxony ; woollens ; p. 27,740. 51.47 N., 11.27 E.
Ascoli, cap. A. prov., Italy ; cathedral ; p. 28,882. 42.52 N., 13.35 E.
Ascot Heath, fashionable race-course, Berks, England. 51.25 N., 0.41 W.
Ashanti, Brit. protectorate, W. Africa ; p. 1,500,000. 7.00 N., 2.00 W.
Ashburton, riv., W. Australia ; unnavigable ; 400 m. 22.31 S., 114.13 E.
Ashby-de-la-Zouch, tn., Leics, Eng. ; castle ; p. 4,900. 52.46 N., 1.29 W.
Ashdod, vil., Palestine ; former famous Philistine city. 31.44 N., 34.43 E.
Ashevelle, tn., N. Carolina, U.S. ; tobacco ; p. 18,414. 35.32 N., 82.28 W.
Ashford, mkt. tn., Kent, Eng. ; rly. works ; p. 13,150. 51.09 N., 0.52 E.
Ashton-in-Makerfield, tn., Lancs, Eng. ; coal ; p. 18,840. 53.29 N., 2.39 W.
Ashton-u.-Lyne, tn., Lancs, Eng. ; cotton ; p. 51,500. 53.30 N., 2.06 W.
Asia, largest continent, a. 17¼ mil. sq. m., p. 895 mil. 40.00 N., 80.00 E.
Asia Minor, W. pen. of Asia ; a. 220,000 sq. m., p. 9 mil. 39.00 N., 31.00 E.
Askabad, tn., Russ. Turkestan ; military sta. ; p. 19,640. 37.48 N., 58.24 E.
Asnières, sub. of Paris, boating resort ; p. 36,482. 48.55 N., 4.40 W.
Aspinwall (Colon), spt., Panama Republic ; p. 3,000. 9.23 N., 79.23 W.
Aspromonte, mt., Reggio Italy ; Garibaldi capt., 1862. 38.13 N., 15.57 E.
Assab Bay, Ital. trading sta., E. Africa, on Red Sea. 13.00 N., 43.00 E.
Assam, former prov., India, now part E. Bengal & A. 26.00 N., 92.00 E.
Assaye, vil., Nizam's Dominions, India ; battle 1803. 20.13 N., 75.57 E.
Assiniboia, former dist. of N.W. Territories, Canada. 51.00 N., 105.00 W.
Assiniboine, riv., Cent. Canada, 400 m. long. 50.12 N., 100.30 W.
Assisi, tn., Perugia, Italy, birthpl. St. Francis ; p. 17,625. 43.04 N., 12.36 E.
Assouan, tn., Egypt ; the great Nile dam ; p. 12,000. 24.06 N., 32.54 E.
Assynt, Loch, beau. lake Sutherld., Scot., 6¾ m. by ¾ m. 58.12 N., 5.00 W.
Asti, cy., Alessandria, Italy ; wine ; p. 39,725. 44.54 N., 8.12 E.
Aston Manor, suburb of Birmingham ; p. 77,850. 52.30 N., 1.54 W.
Astoria, cy., Oregon, U.S. ; salmon tinning ; p. 12,000. 46.11 N., 123.42 W.
Astrabad, decayed tn., Persia ; p. 18,000. 36.52 N., 54.26 E.
Astrakhan, spt., cap. A. gov., Russia, on Casp. ; p. 121,580. 46.15 N., 48.04 E.
Astrolabe Bay, inlet on N.E. coast New Guinea. 5.30 S., 145.45 E.
Asuncion, cap. Paraguay ; cathedral ; leather ; p. 60,260. 25.21 S., 57.37 W.
Atacama, prov., desert, N. Chile ; silver ; p. 64,000. 22.22 S., 68.48 W.

Atchison, cy., riv. prt., Kan., U.S. ; rly. cent. ; p. 18,875. 39.42 N., 95.11 W.
Athabaska, riv., lake, N.W. Terr., Canada ; 800 m. 56.00 N., 112.25 W.
Athabaska, former terr., N.W. Terr., Canada. 57.00 N., 115.00 W.
Athens, cy., cap. Greece ; cathedral, univ. ; p. 167,480. 37.58 N., 23.43 E.
Athens, cy., Georgia, U.S. ; univ. ; cotton ; p. 20,000. 33.54 N., 83.23 W.
Athlone, tn., Ireland, on Shannon ; felt hats ; p. 6,650. 53.25 N., 7.56 W.
Athos, mt., Eur. Turkey, on S. Coast ; 6,332 ft. 40.09 N., 24.20 E.
Athy, mkt. tn., cap. Kildare, Ireland ; p. 3.625. 52.59 N., 6.58 W.
Atitlan, volc. and lake, Guatemala ; 12,538 ft. 14.58 N., 91.10 W.
Atlanta, cy., cap. Georgia, U.S. ; univ. ; p. 104,984. 33.42 N., 84.26 W.
Atlantic City, health resort, New Jersey, U.S. ; p. 39,544. 39.21 N., 74.26 W.
Atlantic Ocean, hydrographical div., a. 33 mil. sq. m. 35.00 N., 35.00 W.
Atlas, great mt. range, N.W. Africa, 1,400 m. long. 31.40 N., 6.20. W.
Atrato, riv., Colombia, enters Gulf of Darien ; 305 m. 5.30 N., 77.0 W.
Atrek, riv., Persia, flows to Caspian Sea ; 350 m. 38.00 N., 56.00 E.
Attica, eastern prov., Greece ; p. 341,247. 38.00 N., 23.50 E.
Attock, fort. tn., Punjab, Br. India, on Indus R. ; p. 4,000. 33.50 N., 72.13 E.
Aube, dep., riv., N.E. France ; a. 2,310 sq. m. ; p. 243,670. 48.20 N., 4.10 E.
Auburn, tn., New York, U.S. ; state prison ; p. 31,422. 42.59 N., 76.26 W.
Auch, cap. Gers. France ; cathedral ; p. 14,250 43.38 N., 0.37 E.
Auchterarder, mkt. tn., Perth, Scot. ; woollens ; p. 2,320. 56.18 N., 3.42 W.
Auckland, spt., cy., North I., N.Z. ; univ. coll. ; p. 97,929. 36.53 S., 174.50 E.
Auckland Is., group, S. of New Zealand. 50.45 S., 166.12 E.
Aude, marit. dep., S. France ; a. 2,438 sq. m., p. 308,327. 43.10 N., 2.30 E.
Aughrim, vil., Galway, Ireland ; battle 1691 ; p. 745. 53.18 N., 8.18 W.
Augsburg, cy., Bavaria ; cathedral ; cotton ; p. 94,923. 48.52 N., 10.53 E.
Augusta, fort. spt., Sicily ; sea-fight 1676 ; p. 16,850. 37.14 N., 15.12 E.
Augusta, cap. Maine, U.S. ; arsenal ; cotton ; p. 12,380. 44.20 N., 69.56 W.
Augusta, cy., Georgia, U.S. ; med. coll. ; p. 55,000. 33.26 N., 81.51 W.
Aurangabad, walled tn., Hyderabad, India ; p. 26,735. 19.52 N., 75.20 E.
Auray, spt., Morbihan, France, on A. riv. ; p. 6,575. 47.43 N., 3.00 W.
Aurillac, cap. Cantal, France ; p. 17,750. 44.56 N., 2.26 E.
Aurora, cy., Ill., U.S. ; various mnfs. ; p. 26,823. 41.48 N., 88.17 W.
Aussig, tn., Bohemia, Austria ; chemicals ; p. 37,500. 50.40 N., 14.03 E.
Austerlitz, tn., Moravia, Austria ; battle 1805 ; p. 3,175. 49.09 N., 16.52 E.
Austin, cap. Texas, U.S. ; state capital, univ. ; p. 25,290. 30.20 N., 97.29 W.
Australasia, general name for Australia, N.Z., etc. 30.00 S., 160.00 E.
Australia, isl. continent ; a. 2,948,366 sq. m., p. 4 mil. 26.00 S., 134.00 E.
Australian Alps, range, S.E. Aus. ; pk. 7,350 ft. 36.40 S., 148.00 E.
Austria, the Cis-Leithen portion of Austr. Hung. (q.v.) 47.10 N., 12.30 E.
Austria-Hungary, emp. ; a. 24,333 sq. m., p. 45½ mil. 47.00 N., 20.00 E.
Autun, tn., Saône-et-Loire, France ; cath. ; p. 15,925. 46.58 N., 4.20 E.
Auvergne, volc. dist., S. Cent. France ; peak 6,188 ft. 45.12 N., 2.15 E.
Aux Cayes, spt., Hayti, on S.W. coast ; p. 8,000. 18.24 N., 73.48 W.
Auxerre, cap. Yonne, France ; cath. ; wine ; p. 19,250. 47.49 N., 3.34 E.
Ava, cy., Burma, a former capital ; p. 6,500. 21.47 N., 95.58 E.
Avebury, vil., Wilts, Eng. ; prehistoric mound ; p. 590. 51.26 N., 1.52 W.
Aveiro, spt. tn., Beira, Portugal ; salt ; p. 10,125. 40.38 N., 8.44 W.
Avellino, cap. A. prov., Italy ; cathedral ; p. 23,760. 40.55 N., 14.47 E.
Averno, lake, Italy ; famous in fables. 40.45 N., 14.05 E.
Aveyron, dep., riv., S. France ; a. 3,376 sq. m., p. 377,300. 44.25 N., 2.35 E.
Avignon, cap. Vaucluse, France ; cathedral ; p. 48,312. 43.57 N., 4.50 E.
Avila, cap. A. prov., Spain ; cathedral ; p. 11,970. 40.40 N., 4.46 W.
Aviles, spt., Oviedo, Spain, near B. of Biscay ; p. 12,850. 43.38 N., 5.56 W.
Avoca, picturesque vale, riv., Wicklow, Ireland. 52.48 N., 6.13 W.
Avola, spt., Sicily ; famous for honey ; p. 16,650. 36.55 N., 15.06 E.
Avon, East, riv., Eng., flows to English Chan. ; 70 m. 51.00 N., 1.40 W.
Avon, Lower, riv., Eng., flows to Bristol Chan. ; 70 m. 51.30 N., 2.45 W.
Avon, Upper, riv., Eng., trib. of the Severn ; 96 m. 52.10 N., 2.00 W.
Avonmouth, outport of Bristol, Eng. ; large docks. 51.31 N., 2.40 W.

Avranches, tn., Manche, France, on Sée riv. ; p. 7,525. 48.41 N., 1.22 W.
Awe, Loch, lake, Argyll, Scot. ; a. 15½ sq. m. 56.20 N., 5.10 W.
Ax, tn., Ariége, France ; sulphur springs ; p. 1,260. 42.39 N., 1.47 E.
Axim, Brit. port, on Gold Coast, W. Africa ; p. 3,500. 4.47 N., 2.05 W.
Axminster, tn., Devon, Eng. ; on R. Axe ; p. 3,100. 50.47 N., 2.59 W.
Ayacucho, tn., Peru ; battle 1824 ; p. 14,345. 13.12 S., 74.06 W.
Aylesbury, cap. Bucks, Eng. ; ducks ; p. 9,520. 51.49 N., 0.49 W.
Ayr, co. tn., spt., Ayrshire, Scot. ; large docks ; p. 28,850. 55.28 N., 4.38 W.
Ayrshire, marit. co., S.W. Scot. ; a. 1,149 sq. m., p. 254,468. 55.25 N., 4.30 W.
Ayuthia, former cap. Siam ; temples ; p. 50,000. 14.24 N., 100.27 E.
Azerbaijan, N.W. prov., Persia ; a. 40,100 sq. m., p. 1½ mil. 38.00 N., 46.00 E.
Azof, Sea of, Russia, N. arm Black S. ; a. 14,500 sq. m. 46.00 N., 36.30 E.
Azores, Port. grp., mid-Atlantic ; a. 919 sq. m., p. 256,500. 37.30 N., 26.00 W.
Azov, port, S. Russia, on R. Don ; grain ; p. 27,650. 47.02 N., 39.28 E.

Baalbek, ruined cy., Syria, temple ruins. 34.00 N., 36.10 E.
Bab-el-Mandeb, str., connects Red S. & Indian O. 13.00 N., 43.10 E.
Babylon, ancient cy., on left bank of Euphrates. 32.31 N., 44.30 E.
Bacup, tn., Lancs, Eng. ; cotton, iron ; p. 22,765. 53.42 N., 2.12 W.
Badagry, Brit. prt., Slave Coast, Up. Guinea ; p. 10,000. 6.24 N., 2.58 E.
Badajoz, fort. cy., cap. B. prov., Spain ; cath. ; p. 31,250. 38.48 N., 6.54 W.
Badakshan, Afghan state, Cent. Asia ; p. 100,000. 36.31 N., 72.33 E.
Badalona, spt., Barcelona, Spain ; p. 19,455. 41.25 N., 2.12 E.
Baden, gr. duchy, S.W. Ger. ; a. 5,824 sq. m., p. 2 mil. 48.45 N., 8.30 E.
Baden, w. pl., Aargau, Switz. ; sulphur baths ; p. 6,700. 47.28 N., 8.18 E.
Baden-Baden, tn., resort, Baden, Ger. ; springs ; p. 20,932. 48.46 N., 8.15 E.
Baden-bei-Wien, w. pl., Austria ; min. sprs. ; p. 17,750. 48.00 N., 16.18 E.
Badenweiler, w. pl., Ger., in S.W. corner of Baden. 47.46 N., 7.43 E.
Baffin Bay, gulf, on N.E. coast N. America. 73.00 N., 70.00 W.
Bagamoyo, tn., on coast of Ger. E. Africa ; p. 10,000. 6.36 S., 38.54 E.
Baghdad, cy., Asiatic Turkey ; leather ; p. 145,000. 33.21 N., 44.28 E.
Bagirmi, ctry., Cent. Africa ; a. 71,000 sq. m., 1½ mil. 11.00 N., 17.00 E.
Bagnères-de-Bigorre, w. pl., Hautes-Pyrenees, France. 43.03 N., 0.11 E.
Bagnères-de-Luchon, w. pl., Haute-Garonne, France. 42.46 N., 0.37 E.
Bahamas, isl. grp., Br. W. Indies ; a. 5,390 sq. m., p. 60,283. 25.00 N., 76.00 W.
Bahâwalpur, cap. B. state, India ; mnfs. ; p. 18,750. 29.24 N., 71.41 E.
Bahia, spt., cap. B. prov., Brazil ; univ. ; p. 230,000. 12.56 S., 38.27 W.
Bahia Blanca, port, Buenos Aires, Argentine ; p. 37,775. 38.48 S., 62.12 W.
Bahr-el-Abiad (White Nile), riv., Egypt. Sudan. 15.00 N., 32.35 E.
Bahr-el-Izrek (Blue Nile), riv., Egypt. Sudan. 14.00 N., 34.00 E.
Bahr-el-Ghazal, riv., Egypt., Sudan, up. br. of Nile. 9.35 N., 30.00 E.
Bahrein Is., group in Persian Gulf ; p. 70,000. 26.10 N., 50.35 E.
Baikal, lake, E. Siberia ; a. 13,500 sq. m. 53.00 N., 108.00 E.
Baja, mkt. tn., Hungary ; fine castle ; p. 20,550. 46.11 N., 18.55 E.
Bakchiserai, tn., Taurida, Russia ; palace ; p. 15,375. 44.50 N., 34.10 E.
Baker, Mount, volc., Washington, U.S. ; 10,827 ft. 48.45 N., 121.42 W.
Bakewell, mkt. tn., Derby, Eng. ; warm baths ; p. 2,945. 53.13 N., 1.42 W.
Bakhtegan, lake, Farsistan, Persia ; 74 m. by 13½ m. 29.10 N., 54.12 E.
Bakony, mt. range, Hungary, densely wooded. 47.25 N., 18.05 E.
Baku, spt., cap. B. gov., Russia ; petroleum ; p. 179,133. 40.23 N., 49.53 E.
Bala, tn., lake, Merioneth, Wales ; p. 1,575. 52.55 N., 3.36 W.
Balaklava, spt., Taurida, Russia ; battle 1854 ; p. 1,300. 44.27 N., 33.33 E.
Balasor, spt., Bengal, on Burabalang R. ; p. 21,250. 21.30 N., 86.54 E.
Balaton, largest lake in Hungary ; a. 245 sq. m. 46.50 N., 17.40 E.
Balbriggan, w. pl., Dublin, Ire. ; linen ; p. 2,275. 53.37 N., 6.12 W.
Balearic Is., Spain, group, Mediterranean ; p. 312,250. 39.30 N., 3.00 E.
Bali, isl., Dut. E. Indies ; a. 2,300 sq. m., p. 520,000. 8.30 S., 115.10 E.
Balkan Pen., Europe, most E. of the three grt. pens. 42.00 N., 22.00 E.
Balkans, mt. ridges, S.E. Europe ; summit 6,500 ft. 42.20 N., 25.00 E.

Balkash, great lake, Russ. Cent. Asia ; a. 8,400 sq. m. 46.30 N., 75.30 E.
Balkh, cap. B. dist., Afghan Turkestan ; p. 10,000. 36.36 N., 67.10 E.
Ballarat, tn., Victoria, Aus. ; goldfields ; p. 48,065. 37.34 S., 143.53 E.
Ballater, vil., Aberdeen, Scot. ; Balmoral Cas. near. 57.03 N., 3.03 W.
Ballina, spt., mkt. tn., Mayo, Ireland ; p. 4,600. 54.07 N., 9.09 W.
Ballinasloe, mkt. tn., Galway, Ire. ; fair ; p. 4,965. 53.20 N., 8.13 W.
Ballycastle, spt., mkt. tn., Antrim, Ireland ; p. 1,495. 55.16 N., 6.14 W.
Ballymena, tn., Antrim, Ireland ; linen ; p. 10,950. 54.52 N., 6.17 W.
Ballyshannon, spt., Donegal, Ire. ; salmon ; p. 2,370. 54.31 N., 8.12 W.
Balmoral, royal castle, Aberdeen, Scotland. 57.02 N., 3.12 W.
Balta, tn., Podolia, Russia ; good trade ; p. 25,200. 47.56 N., 29.37 E.
Baltic Provinces, five Russian govs., on Baltic. 58.00 N., 26.00 E.
Baltic Sea, inland sea, N. Europe, a. 184,496 sq. m. 56.00 N., 25.00 E.
Baltimore, cy., prt., Maryland, U.S. ; grain ; p. 568,621. 39.16 N., 76.41 W.
Baltimore, fishing vil., Cork, Ireland ; p. 605. 51.28 N., 9.22 W.
Baltistan, mountainous region of Kashmir. 35.45 N., 75.30 E.
Baluchistan, country, Asia ; a. 133,000 sq. m., p. 915,000. 28.00 N., 65.00 E.
Bambarra, Sudan state, W. Africa ; p. 2,000,000. 12.00 N., 7.12 W.
Bamberg, cy., Bavaria ; cath. ; woollens ; p. 45,483. 49.53 N., 10.52 E.
Bamborough Castle, anc. fortress, Northumb., Eng. 55.36 N., 1.43 W.
Bammako, Fr. trading tn., W. Africa ; p. 10,000. 12.24 N., 7.48 W.
Banbridge, tn., Down, Ireland ; linen ; p. 5,050. 54.22 N., 6.17 W.
Banbury, tn., Oxford, Eng. ; cakes, ale ; p. 13,250. 52.04 N., 1.21 W.
Banca, isl., Dut. E. Indies ; a. 4,977 sq. m., p. 115,200. 2.00 S., 105.40 E.
Banda, tn., United Provs., India ; cotton ; p. 23,100. 25.30 N., 80.19 E.
Banda Isles, group, Dutch E. Indies ; nutmeg ; p. 8,000. 4.35 S., 130.00 E.
Bandon, tn., Cork, Ire., on Bandon R. ; p. 2,850. 51.44 N., 8.43 W.
Bandong, commercial tn., Java, Dut. E. Indies ; p. 18,000. 2.06 S., 3.00 W.
Banff, spt., co. tn., Banffshire, Scot. ; mnfs. ; p. 7,250. 57.40 N., 2.31 W.
Banffshire, co., N.E. Scot. ; a. 646 sq. m., p. 61,488. 57.25 N., 3.10 W.
Bangalore, fort. tn., Mysore, India ; p. 161,150. 12.57 N., 77.35 E.
Bangkok, spt., cap. Siam ; teak wood ; p. 530,000. 13.38 N., 100.27 E.
Bangor, spt., cy., Carnarvon, Wales ; slate ; p. 11,520. 53.13 N., 4.08 W.
Bangor, spt., w. pl., Down, Ire., on Belfast L. ; p. 5,925. 54.39 N., 5.40 W.
Bangor, cy., port, Maine, U.S. ; foundries ; p. 23,500. 44.46 N., 68.52 W.
Bangweolo (Bemba), great lake, Central Africa. 11.12 S., 29.54 E.
Banjermassin, chf. port, Dutch Borneo ; p. 32,000. 3.30 S., 114.38 E.
Banks Land, isl., in W. of Arctic America. 73.00 N., 121.00 W.
Bankura, tn., dist. cap., Bengal ; p. 20,750. 23.14 N., 87.06 E.
Bannockburn, vil., Stirling, Scot. ; battle 1314. 56.6 N., 3.54 W.
Bantry, spt., Cork, Ire., at head Bantry B. ; p. 3.120. 51.41 N., 9.27 W.
Banyaluka, fort. tn., Bosnia, on Verbas R. ; p. 13,760. 44.42 N., 17.07 E.
Barbados, Brit. isl., W. Indies ; a. 166 sq. m., p. 194,477. 13.12 N., 59.35 W.
Barbary, region, comprising all of N. Africa. 32.00 N., 5.00 E.
Barbastro, cy., Huesca, Spain ; cathedral ; p. 7,250. 42.5 N., 0.09 E.
Barberton, tn., Transvaal ; gold mines ; p. 3,750. 25.48 S., 31.18 E.
Barbuda, isl., Brit. W. Indies ; a. 75 sq. m., p. 675. 17.38 N., 61.48 W.
Barca, country of N. Africa ; a. 60,700 sq. m., p. 500,000. 31.48 N., 22.00 E.
Barcelona, spt., cap. B. prov., Spain ; cath., univ. ; p. ½ mil. 41.23 N., 2.09 E.
Barcelona, tn., Venezuela, on Neveri R. ; p. 12,800. 10.13 N., 64.40 W.
Bardsey I., isl., N. Wales, in Cardigan Bay ; 2 m. long. 52.46 N., 4.47 W.
Bareilly, cy., United Provs., Br. Ind. ; coll.; p. 132,500. 28.21 N., 79.34 E.
Barfleur, spt., La Manche, France ; p. 1,200. 49.39 N., 1.16 W.
Barfrush, tn., Persia ; trade centre ; p. 50,000. 36.30 N., 52.48 E.
Bari, spt., cap. B. prov., Italy ; castle, cath. ; p. 77,478. 41.08 N., 16.53 E.
Barking, mkt. tn., Essex, Eng. ; mkt. gdns. ; p. 21,750. 51.32 N., 0.05 E.
Barkly East, tn., C. of G. Hope, in N.E. part ; p. 2,000. 30.56 S., 27.35 E.
Barkly West, tn., Cape of G. Hope ; diamonds ; p. 1,800. 28.24 S., 24.36 E.
Bar-le-Duc, cap. Meuse, France ; castle ; p. 17,865. 48.46 N., 5.11 E.
Barletta, spt., Italy, on the Adriatic ; p. 42,250. 41.19 N., 16.16 E.

Barmen, mnfg. tn., Rhenish Pruss. ; ribbon ; p. 156,080. 51.17 N., 7.13 E.
Barmouth, w. pl., Merioneth, Wales ; p. 2,265. 52.44 N., 4.04 W.
Barnard Castle, mkt. tn., Durham, Eng. ; p. 4,525. 54.32 N., 1.55 W.
Barnaul, tn., W. Siberia ; mining centre ; p. 33,650. 53.14 N., 83.22 E.
Barnet, tn., Herts, Eng. ; horse fairs ; p. 7,950. 51.40 N., 0.11 W.
Barnsley, mnfg. tn., W. R Yorks., Eng. ; p. 41,350. 53.33 N., 1.28 W.
Barnstable, port of entry, Mass., U.S. ; p. 4,425. 41.39 N., 70.2 W.
Barnstaple, spt., tn., Devon, Eng. ; lace ; p. 14,365. 51.05 N., 4.03 W.
Baroda, cy., cap. B. state, Bombay ; p. 106,000. 22.16 N., 73.09 E.
Barquisimeto, tn., Venezuela ; earthqu. 1812 ; p. 38,480. 9.57 N., 69.16 W.
Barra, isl., Inverness, Scot. ; a. 25 sq. m., p. 2,450. 57.02 N., 7.34 W.
Barrackpore, tn., Bengal, on Hooghly R. ; p. 32,250. 22.47 N., 88.23 E.
Barrafranca, tn., Caltanisetta, Sicily ; p. 11,225. 37.22 N., 14.12 E.
Barranquilla, prt., Colombia, on Magdalena ; p. 40,200. 10.42 N., 74.51 W.
Barrhead, tn., Renfrew, Scot. ; cotton ; p. 9,925. 55.48 N., 4.24 W.
Barrier Reef, coral reef along N.E. coast Australia. 18.00 S., 149.00 E.
Barrosa, vil., Spain, nr. Cadiz ; battle 1811. 36.20 N., 6.10 W.
Barrow, riv., S.E. Ire., enters Waterford Harb. ; 189 m. 52.12 N., 6 55 W.
Barrow-in-Furness, spt., mnfg. tn., Lancs, Eng. ; p. 62,996. 54.07 N., 3.13 W.
Barry, spt., Glam., Wales ; outpt. of Cardiff ; p. 27,150. 51.24 N., 3.16.W.
Barth, spt., Pomerania, Prussia ; p. 7,150. 54.22 N., 12.44 E.
Barton-on-Humber, tn., Lincs, Eng. ; p. 5,720. 53.41 N., 0.26 W.
Basel, cy., canton, Switz. ; silk ribbons ; cy., p. 129,600. 47.33 N., 7.35 E.
Basingstoke, tn., Hants, Eng. ; rly. centre ; p. 9,835. 51.16 N., 1.05 W.
Basque Provinces, three provs. in N. of Spain. 43.00 N., 2.30 W.
Basra, tn., prt., Asiatic Turkey, on Euphrates ; p. 60,000. 30.31 N., 47.53 E.
Bass Rock, isl. rock, Scot., in Firth of Forth. 56.04 N., 2.38 W.
Bass Strait, channel between Tasmania and Aus. 39.20 S., 146.00 E.
Bassano, cy., Vicenza, Italy ; battle 1796 ; p. 8,125. 45.46 N., 11.43 E.
Bassein, spt., Burma ; rice ; p. 31,500. 16.45 N., 94.43 E.
Bassein, tn., Bombay, in Tháná dist. ; p. 11,000. 19.20 N., 72.49 E.
Bassenthwaite, lake, Cumb., Eng. ; 4 m. by ¾ m. 54.38 N., 3.13 W.
Basses-Alpes, dep., France ; a. 2,685 sq.m., p. 113,126. 44.10 N., 6.00 E.
Basses-Pyrenées, dep., Fr. ; a. 2,946 sq. m., p. 425,817. 43.18 N, 0.55 W.
Basse-Terre, spt., cap. St. Christoph. I., W. Ind. ; p. 10,000. 17.20 N., 62.44 W
Basse-Terre, spt., cap. Guadeloupe I., W. Ind. ; p. 8,710. 16.03 .N., 61.42 W.
Bastia, spt., Corsica, on E. Coast ; p. 26,100. 42.4 N., 9.23 E.
Basutoland, Brit. Crown Colony, S. Africa ; p. 348,650. 29.30 S., 27.30 E.
Batangas, spt., Luzon, Philippine Is. ; p. 33,250. 13.45 N., 121.03 E.
Batavia, spt., cap. Dut. E. Indies, on Java I. ; p. 138,551. 6.22 S., 106.40 E.
Bath, cy. w. pl., Somerset, Eng. ; hot springs ; p. 48,621. 51.23 N., 2.21 W.
Bath, cy., port of entry, Maine, U.S. ; p. 11,527. 43.52 N., 69.54 W.
Bathgate, tn., Linlithgow, Scot. ; coal ; p. 7,610. 55.55 N., 3.40 W.
Bathurst, tn., New S. Wales ; mnfs. soap ; p. 9,750. 33.27 S., 149.35 E.
Bathurst, tn., prt., cap. Gambia, W. Africa ; p. 8,000. 13.24 N., 16.36 W.
Bathurst, isl. off N. Australia ; length 30 m. 11.20 S., 130 20.E.
Bathurst Inlet, arm of Arctic Ocean ; 75 m. long. 67.20 N., 106.00 W.
Batley, mnfg. tn., W.R. Yorks, Eng. ; woollens ; p. 30,460. 53.42 N., 1.36 W.
Baton Rouge, cy., cap. Louis., U.S. ; arsenal ; p. 23,000. 30.32 N., 91.07 W.
Batoum, free port, Russia, on Black Sea ; p. 28,510. 41.38 N., 41.40 E.
Battersea, met. bor., S.W. sub. of London ; p. 169,500. 51.27 S., 0.09 W.
Battle, mkt. tn., Sussex, Eng. ; battle 1066 ; p. 3,025. 50.51 N., 0.24 E.
Battle Creek, tn., Michigan, U.S. ; flour ; p. 22,213. 42.21 N., 85.11 W.
Battleford, tn., Saskatchewan, Canada ; p. 550. 52.42 N., 108.18 W.
Bautzen, tn., Saxony, Ger. ; leather, paper ; p. 29,419. 51.11 N., 14.27 E.
Bavaria, st., Ger. Empire ; a. 29,375 sq. m., p. 6½ mil. 49.20 N., 7.35 E.
Bay City, tn., Michigan, U.S. ; rly. cent. ; p. 40,641. 43.37 N., 83.53 W.
Bay Is., group, Cent. America, in Honduras B. ; p. 5,100. 16.20 N., 86.40 W.
Bay of Islands, inlet, N.E. coast North I., N.Z. 35.14 S., 174.10 E.
Bayamo, tn., Cuba, in E. part ; p. 7,700. 20.27 N., 76.57 W.

Bayeux, cy., Calvados, France ; cathedral ; p. 7,925. 49.16 N., 0.42 W.
Bayonne, fort. tn., Basses-Pyrenées, France ; p. 27,720. 43.31 N., 1.26 W.
Bayonne, cy., N. Jersey, U.S. ; chemicals ; p. 44,170. 40.40 N., 74.07 W.
Bayreuth, cy., Bavaria, Ger. ; nat. theatre ; p. 31,905. 49.54 N., 11.30 E.
Bazardjik, tn., Bulgaria ; p. 9,620. 43.35 N., 27.51 E.
Beachy Head, headland, S. coast. Eng. ; 575 ft. 50.44 N., 0.15 E.
Beaconsfield, mkt. tn., Bucks, Eng. ; p., 585. 51.36 N., 0.38 W.
Beaconsfield, tn., C. of G. Hope ; diamonds ; p. 10,845. 28.43 S., 24.44 E.
Bear Lake, Great, lake, N.W. Canada ; a. 7,012 sq. m. 66.00 N., 120.00 W.
Bearn, old prov., France ; capital was Pau. 43.15 N., 0.45 W.
Beatrice, health resort, Nebraska, U.S. ; p. 7,925. 40.22 N., 96.43 W.
Beaucaire, tn., Gard, France, on Rhone ; p. 9,175. 43.50 N., 4.38 E.
Beaufort, spt., N. Carolina, U.S. ; p. 2,225. 34.42 N., 76.41 W.
Beaufort, port, w. pl., S. Carolina, U.S. ; p. 4,225. 32.33 N., 80.52 W.
Beaufort West, tn., C. of G. Hope, S. Africa ; p. 9,250. 32.17 S., 22.47 E.
Beauly, inlet, riv., vil., Inverness, Scotland. 57.30 N., 4.18 W.
Beaumaris, spt., w. pl., cap. Anglesey, Wales ; p. 2,345. 53.17 N., 4.06 W.
Beaune, tn., Cote-d'Or, France ; serges ; p. 13.965. 47.01 N., 4.51 E.
Beauvais, cap. Oise, France ; tapestry ; p. 20,425. 49.26 N., 2.05 E.
Beaver Dam, cy., Wisconsin, U.S. ; univ. ; p. 5,250. 43.29 N., 89.07 W.
Beaver Falls, mnfg. tn., Penn., U.S. ; p. 10,120. 40.46 N., 80.20 W.
Beccles, mkt. tn., Suffolk, Eng. ; printing ; p. 6,930. 52.57 N., 1.34 E.
Bechuanaland, terr., S. Africa ; a. 51,000 sq. m., p. 84,490. 28.00 S., 24.00 E.
Bechuanaland, Brit. protec., S. Africa ; p. 133,000. 22.00 S., 24.00 E.
Beckenham, tn., Kent, Eng., 7 m. S.E. Lond. ; p. 26.450. 51.24 N., 0.02 W.
Becse, two tns., Hungary ; on Theiss R. ; tot. p. 26,500. 45.38 N., 20.08 E.
Becskerek, tn., Hungary, on Bega Canal ; p. 22,325. 45.50 N., 21.03 E.
Beddgelert, vil., Carn., Wales ; tourist resort ; p. 1,245. 53.01 N., 4.06 W.
Bedford, co. tn., Bedford, Eng., educatn. cent. ; p. 36,500. 52.08 N., 0.28 W.
Bedford Level, extensive tract of flat land, E. Eng. 52.36 N., 0.00.
Bedfordshire, mid. co., Eng. ; a. 466.sq. m., p. 172,250. 52.05 N., 0.25 W.
Bedwellty, urb. dist., Mon., Eng. ; mining ; p. 10,120. 51.43 N., 3.13 W.
Bedworth, mkt. tn., Warwick, Eng. ; coal ; p. 7,485. 52.29 N., 1.29 W.
Behar, prov., Bengal, Br. India ; silk ; p. 579,350. 25.00 N., 86.00 E.
Beilan, tn., mt. pass, in extreme N. Syria ; p. 5,000. 36.30 N., 36.10 E.
Beira, prov., Cent. Portugal ; a. 9,222 sq. m., p. 1,518,000. 40.30 N., 7. 50 W.
Beira, spt., Port. E. Africa, on Pungwe R. ; p. 4,250. 19.54 S., 34.42 E.
Beirut, fort., spt., Syria ; large trade ; p. 120,000. 33.54 N., 35.29 E.
Beith, mkt. tn., Ayr, Scot. ; cabinet works ; p. 4,985. 55.46 N., 4.37 W.
Beja, tn., Alemtejo, Portugal ; castle, cath. ; p. 8,925. 38.3 N., 7.49 W.
Békés, tn., Hungary ; ruined fortress ; p. 25,620. 46.47 N., 21.08 E.
Belbeis, tn., Lr. Egypt, on E. arm of Nile ; p. 11,500. 30.24 N., 31.35 E.
Belem, tn., Portugal, near mth. of Tagus R. ; p. 8,500. 38.41 N., 9.14 W.
Belfast, largest cy., spt., Ireland ; linen ; p. 386,576. 54.37 N., 5.56 W.
Belfast, port of entry, Maine, U.S. ; p. 4,655. 44.23 N., 69.01 W.
Belfort, fort, frontier tn., France ; p. 32,800. 47.38 N., 6.53 E.
Belfort Territory, France, a. 235 sq. m., p. 95,421. 47.42 N., 7.00 E.
Belgard, tn., Pomerania, Prussia ; p. 8,125. 54.00 N., 16.00 E.
Belgaum, dist. cap., Bombay ; cotton cloth ; p. 26,525. 15.50 N., 74.31 E.
Belgian Congo, Cent. Africa ; a. 909,654 sq. m., p. 20 mil. 4.00 S., 25.00 E.
Belgium, small kingdom, Europe ; 11,373 sq. m., p. 7,386,445. 50.30 N., 6.00 E.
Belgorod, tn., Kursk, Russia ; archb. see ; p. 26,125. 50.34 N., 36.15 E.
Belgrade, cap. Servia ; citadel ; p. 77,816. 44.47 N., 20.26 E.
Belize, cap. Brit. Honduras ; shipping ; p. 16,050. 17.32 N., 88.09 W.
Bell Rock (Inchcape), reef, North Sea. 56.26 N., 2.23 W.
Bellary, dist. cap., Madras ; military sta. ; p. 58,750. 15.07 N., 76.57 E.
Belle Isle, Brit. isl., Atlantic Ocean ; 70 m. long. 52.00 N., 55.18 W.
Belleisle-en-Mer, isl., Morbihan, France ; p. 9,820. 47.20 N., 3.10 W.
Belleville, tn., Ontario, Canada ; univ. ; p. 9,520. 44.11 N., 77.27 W.
Belleville, cy., Ill., U.S. ; iron goods, flour ; p. 18,756. 38.32.N., 89.57 W.

Bellinzona, cap. Ticino, Switz. ; castles ; p. 4,075. 46.11 N., 9.01 E.
Belluno, cap. B. prov., N. Italy ; cathedral ; p. 18,747. 46.08 N., 12.14 E.
Belmullet, fishing vil., Mayo, Ireland ; p. 655. 54.13 N., 9.59 W.
Beloit, cy., Wisconsin, U.S. ; college ; p. 10,525. 42.30 N., 88.59 W.
Belper, mkt. tn., Derby, Eng. ; cotton ; p. 11,125. 53.02 N., 1.29 W.
Belt, Gt. and Lit., two straits in the Baltic Sea. 55.15 N., 10.30 E.
Belturbet, mkt. tn., Cavan, Ireland ; p. 1,589. 54.07 N., 7.27 W.
Ben Lawers, mt., Perth, Scot. ; 3,984 ft. 56.32 N., 4.13 W.
Ben Lomond, mt., Stirling, Scot. ; 3,192 ft. 56.11 N., 4.37 W.
Ben Macdhui, mt., Aberdeen, Scot. ; 4,296 ft. 57.04 N., 3.40 W.
Ben Nevis, mt., Inverness, Scot. ; 4,406 ft. 56.48 N., 5.00 W.
Ben Wyvis, mt., Ross, Scot. ; 3,429 ft. 57.41 N., 4.34 W.
Benares, sacred cy., United Provs., India ; p. 210,000. 25.20 N., 83.00 E.
Benbecula, isl., Hebrides, Scot. ; p. 1,425. 57.26 N., 7.18 W.
Bender, fort. tn., Bessarabia, Russia ; p. 44,960. 46.47 N., 29.32 E.
Bender Abbas, spt., Persia, on Ormuz I. ; p. 8,000. 27.10 N., 56.17 E.
Bendigo, tn., Victoria, Aus. ; goldfields ; p. 44,510. 36.40 S., 143.18 E.
Benevento, cy., cap. B. prov., Italy ; cath. ; p. 24,647. 41.07 N., 14.45 E.
Bengal, prov., Br. India ; a. 141,580 sq. m., p. 54 mil. 24.00 N., 88.00 E.
Bengal, Bay of, between India and Further India. 18.00 N., 91.00 E.
Benghazi, spt., cap. Barca, N. Africa ; p. 7,000. 32.18 N., 20.10 E.
Benguela, spt., cap. B. dist., Port. W. Africa ; p. 2,100. 12.42 S., 13.08 E.
Beni, riv., Bolivia, S. America ; 1,000 m. 11.40 S., 66.40 W.
Beni Hassan, vil., Up. Egypt ; catacombs. 27.53 N., 30.56 E.
Benin, country, W. Africa ; palm oil. 6.25 N., 6.00 E.
Benin, tn., cap. B. country, W. Africa ; p. 16,000. 6.12 N., 5.46 E.
Benin, Gulf of, W. Africa, large open bay. 5.00 N., 3.00 E.
Beni-Suef, tn., Cent. Egypt ; cotton mnfs. ; p. 23,357. 29.09 N., 31.13 E.
Benkulen, Dutch port, Sumatra ; pepper ; p. 10,250. 3.42 S., 102.20 E.
Benue, imp. riv., Cent. Africa ; trib. of Niger. 7.46 N., 8.30 E.
Berar, prov., Br. India ; a. 17,710 sq. m., p. 2,754,000. 20.10 N., 79.30 E.
Berat, tn., Albania, Turkey in Europe ; p. 12,000. 40.43 N., 19.56 E.
Berber, tn., Nubia, on the Nile ; p. 9,000. 17.57 N., 34.00 E.
Berbera, spt., cap. Br. Somaliland, E. Africa ; p. 30,000. 10.28 N., 45.07 E.
Berbice, E. div., riv., Br. Guiana ; a. 21,000 sq. m. 6.10 N., 57.30 W.
Berdiansk, spt., Taurida, Russia ; p. 28,250. 46.45 N., 36.51 E.
Berdichef, tn., Kiev, Russia ; fairs ; p. 53,450. 49.53 N., 28.35 E.
Beresina, riv., W. Russia, trib. Dnieper ; 350 m. 52.31 N., 30.12 E.
Bergamo, fort. cy., cap. B. prov., Italy ; cath. ; p. 47,775. 45.42 N., 9.41 E.
Bergen, cy., spt., W. Norway ; fish ; cath. ; p. 72,250. 60.26 N., 5.22 E.
Bergen-op-Zoom, tn., N. Brabant, Holland ; p. 14,430. 51.29 N., 4.17 E.
Bergerac, tn., Dordogne, France ; wines ; p. 15,990. 44.52 N., 0.29 E.
Berhampore, tn., dist. cap., Bengal, Br. India ; p. 24,450. 24.09 N., 88.22 E.
Berhampur, tn., Madras, Br. India ; mil. sta. ; p. 25,955. 19.15 N., 84.51 E.
Bering I., most W. of Aleutian Is. ; a. 30 sq. m. 55.00 N., 166.30 E.
Bering Sea, part of N. Pacific Ocean. 58.00 N., 180.00 E.
Bering Strait, separates Asia from America. 65.00 N., 169.00 W.
Berkeley, mkt. tn., Gloucs, Eng. ; B. castle ; p. 795. 51.42 N., 2.28 W.
Berkeley, tn., Cal., U.S. ; university ; p. 21,000. 37.52 N., 122.15 E.
Berkhampstead, mkt. tn., Herts, Eng. ; p. 5,175. 51.46 N., 0.34 W.
Berkshire, mid. co., Eng. ; a. 722 sq. m., p. 256,510. 51.30 N., 1.20 W.
Berlad, tn., Roumania, on B. riv. ; p. 24.520. 46.16 N., 27.37 E.
Berlin, cap. Germ. Emp., on R. Spree ; univ. ; p. 2,040,148. 52.31 N., 13.23 E.
Bermondsey, S.E. suburb of London ; p. 130,900. 51.29 N., 0.03 W.
Bermudas, Br. isl. group, N. Atlantic ; p. 17,850. 32.10 N., 64.45 W.
Berne, cap. B. canton and Switz. ; cath. ; p. 78,500. 46.57 N., 7.26 E.
Bernburg, tn., Anhalt, Ger. ; sugar ; p. 34,041. 51.47 N., 11.43 E.
Bernina, mt., Grisons, Switz. ; 13,290 ft. 46.23 N., 9.50 E.
Berre, Etang de, lagoon, France ; salt-works. 43.25 N., 5.05 E.
Berri, former prov., Central France. 47.00 N., 2.00 E.

Bervie, spt., Kincardine, Scot.; p. 2,545. 56.51 N., 2.17 W.
Berwick-on-Tweed, spt., Northumb, Eng.; p. 13,535. 55.47 N., 2.00 W.
Berwickshire, co., S.E. Scot.; a. 464 sq. m., p. 30,824. 55.45 N., 2.30 W.
Berwyn Mts., range, mid-Wales; 2,716 ft. 52.53 N., 3.23 W.
Besançon, fort. cy., cap. Doubs, France; p. 56,168. 47.17 N., 6.05 E.
Bessarabia, gov., S.W. Russia; a. 17,627 sq. m., p. 2,344,800. 47.20 N., 28.20 E.
Bessèges, tn., Gard, France; coal; p. 9,075. 44.17 N., 4.09 E.
Bethany, vil., Palestine, on S. slope Mt. of Olives. 31.46 N., 35.17 E.
Bethesda, tn., Carnarvon, Wales; slate; p. 5,310. 53.12 N., 4.00 W.
Bethlehem, tn., Palestine, near Jerusalem; p. 3,000. 31.33 N., 35.13 E.
Bethlehem, post-bor., Penn., U.S.; schools; p. 7,300. 40.38 N., 78.23 W.
Bethnal Green, parl. bor., N.E. London; p. 129,850. 51.32 N., 0.03 W.
Bethune, fort. tn., Pas-de-Calais, France; p. 12,600. 50.32 N., 2.37 E.
Bettiah, tn., Bengal, Br. India; p. 22,950. 26.28 N., 84.30 E.
Bettws-y-Coed, tourist resort, Carn., Wales; p. 1,095. 53.07 N., 3.48 W.
Betwa, riv., United Provs., India; 360 m. 25.50 N., 79.30 E.
Beuthen, tn., Silesia, Prussia; mining; p. 60,076. 50.24 N., 18.54 E.
Beveland, N. and S., two isls., Holland; p. 25,000. 51.25 N., 3.50 E.
Beveren, tn., E. Flanders, Belgium; lace; p. 9,450. 51.16 N., 4.16 E.
Beverley, tn., E.R. Yorks., Eng.; minster; coal; p. 13,210. 53.51 N., 0.26 W.
Beverley, tn., Mass., U.S.; good harbour; p. 15,223. 42.46 N., 70.47 W.
Bewdley, tn., Worcs, Eng.; coal, tanning; p. 2,895. 52.23 N., 2.18 W.
Bex, tn., Vaud, Switz.; salt mines; p. 4,584. 46.14 N., 7.01 E.
Bexhill-on-Sea, w. pl., Sussex, Eng.; p. 12,325. 50.51 N., 0.28 E.
Bexley, tn., Kent, Eng., on riv. Cray; p. 12,975. 51.27 N., 0.08 E.
Beypore, spt., Madras, Br. India; p. 5,895. 11.10 N., 75.51 E.
Béziers, tn., Hérault, France; cath.; silks; p. 52,268. 43.20 N., 3.12 E.
Bezwáda, tn., Madras, Br. India; navig. cent.; p. 24,350. 16.30 N., 80.37 E.
Bhágalpur, tn., Bengal, Br. Ind.; on Ganges; p. 77,000. 25.13 N., 86.59 E.
Bhamo, tn., Burma; large trade; p. 9,245. 24.12 N., 97.00 E.
Bharatpur, fort. tn., Rájputána, India; p. 52,000. 27.12 N., 77.27 E.
Bhatgaon, tn., Nepal, 6 m. S.E. Purnea; p. 30,000. 27.40 N., 85.22 E.
Bhaunagar, state cap., spt., Bombay, India; p. 58,200. 21.42 N., 72.5 E.
Bhilsá, fort. tn., Central India; p. 7,520. 23.30 N., 77.46 E.
Bhopál, tn., cap. B. state, Central India; p. 78,000. 23.14 N., 77.20 E.
Bhuj, tn., India, cap. of Cutch; p. 26,850. 23.18 N., 69.43 E.
Bhutan, indep. st., Himalayas; a. 17,000 sq. m., p. 250,000. 27.00 N., 90.00 E.
Biafra, Bight of, large open bay, W. Africa. 2.30 N., 8.00 E.
Biala, tn., Galicia, Austria; woollens; p. 13,175. 49.50 N., 19.04 E.
Bialystok, tn., Grodno, Russia; p. 60,350. 53.06 N., 23.18 E.
Biarritz, w. pl., Basses-Pyrenées, France; p. 12,850. 43.29.N., 1.33 W.
Biberach, mnfg. tn., Würtemberg, Ger.; p. 8,474. 48.06 N., 9.48 E.
Bicester, mkt. tn., Oxford, Eng.; rope; p. 3,125. 51.54 N., 1.09 W.
Bida, cap. Nupe, W. Africa; p. 50,000. 9.00 N., 6.06 E.
Bidar, tn., Nizam's Dom., India; p. 12,500. 17.53 N., 77.30 E.
Biddeford, cy., Maine, U.S.; cotton gds.; p. 17,165. 43.28 N., 70.26 W.
Biebrich, tn., Hesse-Nassau, Prussia; castle; p. 15,125. 50.02 N., 8.14 E.
Bielaya, tn., Kief, Russia; trade cent.; p. 35,378. 49.47 N., 30.16 E.
Bielefeld, tn., Westphalia, Prussia; linen; p. 71,796. 52.01 N., 8.31 E.
Bielev, anc. tn., Tula, Russia, on Oka R.; p. 9,450. 53.48 N., 36.12 E.
Bielgorod, tn., Kursk, Russia; corn; p. 21,985. 50.33 N., 36.33 E.
Bielitz, tn., Silesia, Austria; textiles; p. 17,350. 49.48 N., 19.00 E.
Bielopol, tn., Kharkof, Russia; p. 15,225. 51.7 N., 34.25 E.
Bienne, tn., lake, Berne, Switz.; watches; p. 28,000. 47.08 N., 7.13 E.
Biggleswade, mkt. tn., Bedford, Eng.; corn; p. 5,150. 52.07 N., 0.16 W.
Bihacs, fort. tn., Bosnia, on Una R.; p. 4,510. 44.48 N., 15.54 E.
Bihé, dist., Port. W. Africa; a. 2,500 sq. m., p. 95,000. 12.43 S., 16.56 E.
Bijapur, cy., Bombay, Br. India; p. 16,850. 16.30 N., 75.43 E.
Bijnor, tn., United Provs., Br. India; p. 16,450. 29.21 N., 78.05 E.
Bikaner, cap. B. state, Rájputána; p. 55,000. 28.00 N., 73.20 W.

Bilbao, spt., cap. Vizcaya, Spain ; p. 83,350. 43.15 N., 2.54 W.
Billiton, isl., Dutch E. Indies ; a. 1,855 sq. m., p. 36,860. 3.00 S., 108.00 E.
Bilston, tn., Staffs, Eng. ; hardware ; p. 24,125. 52.24 N., 2.05 W.
Bingen, tn., Hesse-Darmstadt, Germany ; p. 9,625. 49.57 N., 7.54 E.
Binghamton, cy., N.Y., U.S., rly. centre ; p. 42,036. 42.06 N., 75.54 W.
Bingley, tn., W.R. Yorks, Eng. ; worsted ; p. 18,625. 53.51 N., 1.50 W.
Bingöl Dagh, mt., Asia Minor ; 12,310 ft. 39.16 N., 41.10 E.
Bintang, isl., Dutch E. Indies ; a. 454 sq. m., p. 18,500. 1.10 N., 104.30 E.
Biobio, largest riv., Chile, S. America, 220 m. 38.00 S., 72.45 W.
Bir, tn., Asiatic Turkey, on Euphrates R. ; p. 9,000. 37.02 N., 38.00 E.
Birbhum, dist., Bengal, India, copper-fields. 23.45 N., 87.35 E.
Birchington, coast vil., Kent, Eng. ; par. p. 2,140. 51.46 N., 1.20 E.
Birkenfeld, principality, Ger. ; a. 194 sq. m., p. 44,000. 49.40 N., 7.15 E.
Birkenhead, spt., mkt. tn., Cheshire, Eng. ; docks ; p. 121,123. 53.24 N., 3.02 W.
Birmingham, cy., Warwick, Eng., chf. tn. Midlands ; p. 563,630. 52.28 N., 1.54 W.
Birmingham, cy., Alabama, U.S. ; iron ; p. 45,869. 33.45 N., 86.45 W.
Birstal, tn., W.R. Yorks, Eng. ; woollens ; p. 6,585. 53.44 N., 1.39 W.
Biscay, Bay of, bay or gulf, Atlantic, W. coast France. 45.30 N., 2.00 W.
Bisceglia, spt., Bari, Italy ; bishop's see ; p. 31,575. 41.15 N., 16.29 E.
Bishop Auckland, tn., Durham, Eng. ; coal ; p. 12,100. 54.39 N., 1.41 W.
Bishop Stortford, mkt. tn., Herts, Eng. ; p. 7,220. 51.52 N., 0.10 E.
Biskra, tn., Algeria ; transit trade ; p. 8,635. 34.55 N., 5.36 E.
Bisley, par., Surrey, Eng. ; annual rifle comp. ; p. 755. 51.45 N., 2.08 W.
Bismarck, cap. N. Dakota, U.S. ; on Missouri R. ; p. 3,750. 46.48 N., 100.42 W.
Bismarck Arch., Ger. isl. group, S. Pacific ; p. 188,500. 4.00 S., 150.00 E.
Bissagos, Port. isls., off W. coast Africa. 11.30 N., 16.30 W.
Bissao, Port. isl., off W. coast Africa. 11.48 N., 15.47 W.
Bistritz, free tn., Transylvania, Hungary ; p. 12,335. 47.08 N., 24.28 E.
Bitlis, tn., Turkish Armenia ; cotton ; p. 38,800. 38.26 N., 42.03 E.
Bitonto, tn., Bari, Italy ; battle 1734 ; p. 30,845. 41.07 N., 16.41 E.
Bitsch, tn., Lorraine, Ger. ; citadel ; p. 3,855. 49.06 N., 7.25 E.
Bitter Creek, riv., Br. Columbia, Canada ; gold. 56.0 N., 129.30 W.
Bizerta, spt., Tunis, N. Africa ; naval sta. ; p. 10,000. 37.16 N., 9.48 E.
Bjorneborg, spt., Finland ; shipbuilding ; p. 16,602. 61.29 N., 21.46 E.
Black Country, coal and iron dist., Midlands, Eng. 52.36 N., 2.00 W.
Black Forest (Schwarzwald), wooded mts., Germany. 48.28 N., 9.00 E.
Black Mts., range, S. Wales ; height 2,361 ft. 51.52 N., 3.50 W.
Black Sea, inland sea, between Europe and Asia. 43.00 N., 33.00 E.
Blackburn, tn., Lancs, Eng. ; cotton ; p. 136,960. 53.45 N., 2.29 W.
Blackheath, common, resid. dist., Kent, England. 51.27 N., 0.00
Blackpool, w. pl., Lancs, Eng. ; three piers ; p. 47,960. 53.48 N., 3.03 W.
Blackwater, riv., Munster, Ireland ; 100 m. 51.48 N., 9.02 W.
Blackwater, riv., Essex, Eng. ; 40.m. 51.47 N., 0.59 E.
Blaenavon, tn., Monmouth, Eng. ; ironworks ; p. 10,925. 51.42 N., 3.06 W.
Blagoveshchensk, tn., Amur, Asiatic Russia ; p. 37,370. 50.30 N., 127.30 E.
Blair-Athole, vil., Perth, Scot. ; castle ; p. 370. 56.46 N., 3.52 W.
Blairgowrie, tn., Perth, Scot. ; flax ; p. 3,410. 56.36 N., 3.21 W.
Blanco, Cape, headland, West Africa ; harbour. 20.47 N., 16.58 W.
Blandford, tn., Dorset, Eng. ; buttons ; p. 3,710. 50.51 N., 2.09 W.
Blankenberghe, sum. res., W. Flanders, Belg., p. 4,355. 51.18 N., 3.06 E.
Blankenburg, tn., Brunswick, Ger. ; baths ; p. 10,255. 51.47 N., 10.57 E.
Blantyre, tn., Lanark, Scot. ; coal ; p. 14,275. 55.47 N., 4.07 W.
Blaydon, mnfg. tn., Durham, Eng. ; coal ; p. 19,840. 54.57 N., 1.44 W.
Blaye, riv. port, Gironde, France ; citadel ; p. 4,796. 45.07 N., 0.37 W.
Blenheim, vil. ; Bavaria, Ger. ; battle 1704. 48.37 N., 10.47 E.
Blida, tn., Algeria ; orange orchards ; p. 29,560. 36.26 N., 2.51 E.
Bloemfontein, cap. Orange Free State, S. Africa ; p. 33,883. 29.06 S., 26.02 E.
Blois, cap. Loir-et-Cher, France ; castle ; p. 23,825. 47.35 N., 1.20 E.
Bloomington, cy., Ill., U.S. ; rly. cent. ; univ. ; p. 25,506. 40.36 N., 88.58 W.
Bloomington, cy., Indiana, U.S. ; univ. ; p. 6,520. 39.09 N., 86.31 W.

Blue Mts., part of Dividing Range, New S. Wales. 33.40 S., 150.25 E.
Bluefields, spt., Nicaragua, Cent. America ; p. 4,706. 12.00 N., 83.48 W.
Blumenau, Ger. col. and tn., Brazil ; col. p. 40,500. 26.57 S., 49.01 W.
Blyth, spt., Northumberland, Eng. ; p. 5,520. 55.07 N., 1.31 W.
Bobrinetz, tn., Kherson, Russia ; tobacco ; p. 14,551. 48.06 N., 32.07 E.
Bobriusk, tn., Minsk, Russia ; 1st class fort ; p. 35,500. 53.08 N., 29.12 E.
Bochnia, tn., Galicia, Austria ; rock-salt ; p. 10,121. 50.00 N., 20.30 E.
Bocholt, tn., Westphalia, Prussia ; mnfs. ; p. 21,354. 51.52 N., 6.36 E.
Bochum, tn., Westphalia, Prussia ; steel ; p. 118,464. 51.30 N., 7.12 E.
Bodmin, co. tn., Cornwall, Eng. ; boots ; p. 5,750. 50.28 N., 4.44 W.
Bœotia, eastern prov., Greece ; p. 65,816. 38.00 N., 23.50 E.
Bognor, w. pl., Sussex, Eng., iron pier ; p. 6,210. 50.47 N., 0.04 W.
Bogodukhov, tn., Kharkof, Russia ; cath. ; p. 12,225. 50.10 N., 35.31 E.
Bogoslovsk, tn., Perm, Russia ; iron, copper ; p. 5,300. 59.40 N., 60.05 E.
Bogota, federal cap., U. States of Colombia ; p. 123,000. 4.43 N., 74.12 W.
Bohemia, prov., Austria ; a. 19,980 sq. m., p. 6,319,500. 50.00 N., 14.30 E.
Böhmerwald, mt. rge., between Bohemia and Bavaria. 49.20 N., 13.05 E.
Bohol, isl. of the Philippines ; gold, rice ; p. 243,148. 9.30 N., 123.30 E.
Boise, cap. Idaho, U.S. ; silver mines ; p. 7,500. 43.36 N., 116.18 W.
Bois-le-Duc, cap. N. Brabant, Holl. ; cath. ; iron ; p. 45,000. 51.42 N., 5.18 E.
Bojano, cy., Campobasso, Italy ; cathedral ; p. 6,520. 41.28 N., 14.29 E.
Bokhara, khanate, C. Asia ; a. 92,000 sq. m., p. 1¼ mil. 37.30 N., 66.00 E.
Bokhara, cap. of above ; cotton, silk, iron goods ; p. 75,000. 39.48 N., 64.30 E.
Bolan Pass, imp. pass from India to Quetta. 29.50 N., 67.26 E.
Bolbec, tn., Seine-Infre., France ; woollens ; p. 11,925. 49.34 N., 0.29 E.
Bolgrad, tn., Bessarabia, Russia ; p. 13,250. 45.42 N., 28.39 E.
Bolivia, republic, S. America ; a. 536,000 sq. m., p. 1,500,000. 17.00 S., 65.00 W.
Bolivar, state, Venezuela ; a. 88,700 sq. m., p. 50,500. 8.12 N., 63.48 W.
Bolkhof, tn., Orel, Russia ; cathedral ; p. 27,105. 53.23 N., 35.58 E.
Bollington, tn., Cheshire, Eng. ; cotton, silk ; p. 5,267. 53.18 N., 2.07 W.
Bologna, anc. cy., cap. B. prov., Italy ; univ. ; p. 165,000. 44.30.N., 11.20 E.
Bolsena, tn., lake, Viterbo, Italy ; p. 3,295. 42.40 N., 12.00 E.
Bolton, mnfg. tn., Lancs, Eng. ; cotton, iron ; p. 187,824. 53.55 N., 2.28 W.
Boma, cap. Belgian Congo, on Congo R. 5.48 S., 13.12 E.
Bombay, prov., Br. India ; a. 194,189 sq. m., p. 25½ mil. 18.57 N., 72.51 E.
Bombay City, cap. of above, spt., large trade ; cath. ; p. 776,500. 18.57 N., 72.51 E.
Bona, fort, spt., Algeria ; tapestry ; bazaars ; p. 42,934. 36.51 N., 7.42 E.
Bonavista, spt., E. coast Newfoundland ; p. 3,500. 48.40 N., 53.10 W.
Boness, spt., Linlith., Scot. ; ships coal ; salt ; p. 9,345. 56.01 N., 3.36 W.
Boni, cap. B. dist., Celebes, Dutch E. Indies. 4.45 S., 120.03 E.
Bonifacio, spt., Corsica, on B. strait ; p. 4,235. 41.23 N., 9.08 E.
Bonin Is., Japanese volc. group, Pacific ; p. 1,500. 27.40 N., 142.10 E.
Bonn, tn., Rhenish Prussia ; university ; p. 81,996. 50.43 N., 7.05 E.
Bonny, tn., riv., Southern Nigeria, W. Africa. 4.30 N., 7.23 E.
Bonnyrigg, vil., Midlothian, Scot. ; coal ; p. 2,955. 55.52 N., 3.07 W.
Boom, tn., Antwerp, Belgium ; bricks, tiles ; p. 15,925. 51.05 N., 4.22 E.
Boone, cy., Iowa, U.S. ; coal, pottery ; p. 10,160. 42.04 N., 93.50 W.
Boothbay, summer resort, Maine, U.S. ; p. 4,000. 43.51 N., 69.40 W.
Boothia Felix, pen., N. coast N. Amer. ; also gulf. 70.30 N., 95.00 W.
Bootle, tn., Lancs, England ; docks ; jute works ; p. 69,393. 53.27 N., 2.59 W.
Boras, tn., Elfsborg, Sweden ; min. spring ; p. 20,585. 57.45 N., 12.55 E.
Bordeaux, spt., cap. Gironde, Fr., univ. ; p. 251,917. 44.50 N., 0.31 W.
Bordentown, cy., N. Jersey, U.S. ; ironworks ; p. 4,255. 40.07 N., 74.43 W.
Bordighera, winter res., Porto Maurizio, Italy ; p. 3,896. 43.47 N., 7.43 E.
Borgerhout, sub. Antwerp., Belg. ; tapestry ; p. 40,150. 51.13. N., 4.26.E.
Borisov, tn., Minsk, Russia ; p. 14,450. 54.12 N., 28.28 E.
Borkum, isl., sum. res., Hanover, Prussia ; p. 700. 53.40 N., 6.45 E.
Bormio, vil., Sondrio, Italy ; sulphur baths ; p. 1,975. 46.28 N., 10.22 E.
Borna, tn., Saxony, Ger. ; onions ; p. 8,496. 51.07 N., 12.30 E.
Borneo, isl., East. Indian Arch. ; a. 284,600 sq. m., p. 1¾ mil. 0.00, 114.00 E.

Bornholm, Danish isl. in Baltic ; p. 46,000. 55.10 N., 15.00 E.
Bornu, Br. vassal state, W. Cent. Africa ; p. 5 mil. 12.15 N., 12.00 E.
Borodino, vil., Moscow, Russia ; battle 1812. 55.33 N., 35.47 E.
Borromean Is., group in L. Maggiore, N. Italy. 45.53 N., 8.34 E.
Borsad, tn., Bombay, Br. India ; fortified ; p. 12,255. 22.35 N., 72.56 E.
Bosa, cy., W. coast Sardinia ; cathedral ; p. 6,825. 40.17 N., 8.30 E.
Boscobel, wood, Salop, Eng. ; hiding pl. of Charles II. 52.41 N., 2.17 W.
Bosna, riv., Bosnia, trib. of R. Save ; 150 m. 44.56 N., 18.15 E.
Bosnia, prov., Austria, a. 19,725 sq. m., p. 1,430,000. 44.30 N., 17.45 E.
Bosphorus, chan., between Black S. and S. of Marmora. 41.05 N., 29.05 E.
Boston, spt., mkt. tn., Lincs, Eng. ; var. mnfs. ; p. 15,720. 52.58 N., 0.01 W.
Boston, cap. Mass., U.S. ; mnfs. ; lit. cent. ; p. 602,278. 42.20 N., 71.03 W.
Boston Spa, pretty w. pl., W.R. Yorks, England. 53.53 N., 1.27 W.
Bosworth, vil., Leics., Eng., Richard III killed, 1485. 52.37 N., 1.25 W.
Böszörmeny, tn., Hungary, with magistracy ; p. 29,255. 47.40 N., 21.31 E.
Botany Bay, shallow inlet, New S. Wales ; disc. 1770. 34.00 S., 151.13 E.
Bothnia, G. of, part of Baltic, N. of Aland Is. 63.00 N., 20.00 E.
Bothwell, vil., Lanark, Scot. ; battle 1679 ; p. 3,025. 55.49 N., 4.04 W.
Botoshani, tn., Roumania, on Shiska R. ; p. 34,000. 47.42 N., 26.42 E.
Botzen, tn., Tyrol, Austria ; mnfs. silk ; p. 13,720. 46.31 N., 11.21 E.
Bouches-du-Rhône, dep. Fr. ; a. 1,971 sq. m., p. 765,918. 43.50 N., 5.00 E.
Bougainville I., one of the Solomon Is., Pac. ; 140 m. long. 6.00 S., 155.00 E.
Bougle, spt., Algeria ; fortress ; commer. cent. ; p. 8,755. 36.43 N., 5.02 E.
Boulogne, S.W. sub. Paris, France ; fine park ; p. 49,969. 45.30 N., 5.00 W.
Boulogne-sur-Mer, fort. spt., w. pl., Pas-de-Calais, France ; p. 51,201. 50.43 N., 1.35 E
Bourbonnais, old prov., Central France. 46.25 N., 3.20 E.
Bourbonne-les-Bains, tn., Haute-Marne, Fr. ; sprs. ; p. 4,225. 47.57 N., 5.44 E.
Bourboule, bthg. res., Puy-de-Dóme, Fr. ; m. sprs. ; p. 2,100. 45.35 N., 2.35 E.
Bourg-en-Bresse, cap. Ain, France ; pottery ; p. 18,925. 46.15 N., 5.16 E.
Bourges, cap. Cher. France ; cath. ; brewing ; p. 44,133. 47.04 N., 2.24 E.
Bourget, Lac du, lake, Savoie, France ; 7½ m. by 3 m. 45.41 N., 5.51 E.
Bourke, tn., New S. Wales, on Darling R. ; p. 2,675. 30.09 S., 145.42 E.
Bournemouth, favourite w. pl., Hants, Eng. ; p. 72,368. 50.43 N., 1.53 W.
Bournville, gdn. cy., Worcs, Eng. ; cocoa wks. ; p. 4,000. 52.20 N., 2.08 W.
Bouvines, vil., Nord, France ; battles 1214 and 1794. 50.35 N., 3.15 E.
Bovino, tn., Avellino, Italy ; cath. ; battle 1734 ; p. 7,795. 41.13 N., 15.22 E.
Bowness, tn., Westmld., Eng., on L. Windermere ; p. 2,697. 54.22 N., 2.55 W.
Bowness, spt., Cumb., Eng., on Solway F. ; p. 1,120. 54.57 N., 3.13 W.
Boyne, riv., E. Ireland ; 80 m. ; battle 1690. 53.43 N., 6.16 W.
Brabant, former duchy of the Netherlands. 50.45 N., 4.25 E.
Brackley, mkt. tn., Northants, Eng. ; p. 2,485. 52.02 N., 1.08 W.
Braddock, tn., Penn., U.S. ; steel works ; p. 15,975. 40.24 N., 79.51 W.
Bradford, mnfg. tn., W.R. Yorks, Eng. ; worsted ; p. 293,983. 53.48 N., 1.45 W.
Bradford, cy., Penn., U.S. ; oil-wells ; p. 16,577. 41.56 N., 78.42 W.
Bradford-on-Avon, tn., Wilts, Eng. ; p. 4,565. 51.21 N., 2.15 W.
Brading, small anc. tn., Isle of Wight ; p. 1,747. 50.31 N., 1.09 W.
Braemar, dist., vil., res., Aberdeen, Scot. ; vil. p. 520. 57.00 N., 3.25 W.
Braga, cap. Minho, Portugal ; cath. ; palace ; p. 24,750. 41.35 N., 8.21 W.
Bragança, spt. tn., Para, Brazil ; p. 6,000. 0.47 S., 47.18 W.
Bragança, tn., Sao Paulo, Brazil ; p. 10,000. 17.00 N., 46.30 W.
Bragança, cap. Traz-os-Montes, Portugal ; p. 5,420. 41.50 N., 6.46 W.
Brahmaputra, large riv., India ; 1,800 m. long. 24.35 N., 90.25 E.
Braila, riv.-port, Roumania ; cathedral ; p. 60,000. 45.18 N., 27.54 E.
Braintree, mkt. tn., Essex, Eng. ; silk, crape ; p. 5,375. 51.53 N., 0.33 E.
Brampton, anc. tn., Cumb., Eng. ; abbey near ; p. 2,510. 54.56 N., 2.48 W.
Brandenburg, prov., Prussia ; a. 15,410 sq. m., p. 3,531,906. 52.30 N., 14.00 E.
Brandenburg, tn., B. prov., Pruss. ; cath., cas. ; p. 51,240. 52.26 N., 12.32 E.
Brandon, mkt. tn., Suffolk, Eng. ; gun flints ; p. 2,365. 52.27 N., 0.37 E.
Brandon, tn., Manitoba, Canada ; wheat ; p. 10,408. 49.50 N., 99.50 W.
Brandywine Creek, stream, Penn., U.S. ; battle 1777. 39.52 N., 75.36 W.

Brantford, tn., port of entry, Ontario, p. 18,000. 43.08 N., 80.21 W.
Braunsberg, tn., E. Prussia ; machinery ; p. 12,620. 54.23 N., 19.50 E.
Bray, mkt. tn., seaside-res., Wicklow, Ireland ; p. 7,500. 53.12 N., 6.06 W.
Brazil, state, S. Amer. ; a. 3,218,166 sq. m., p. 21½ mil. 10.00 S., 55.00 W.
Brazos, riv., Texas, U.S. ; enters G. of Mexico ; 950 m. 30.50 N., 96.34 W.
Brazza, isl., Dalmatia, Austria ; a. 152 sq. m., p. 24,850. 43.19 N., 16.40 E.
Brechin, tn., Forfar, Scot. ; linen, paper ; p. 8,995. 56.44 N., 2.39 W.
Brecknock, co. tn., Brecknockshire, Wales ; p. 5,950. 51.57 N., 3.23 W.
Brecknockshire, co., S. Wales ; a. 719 sq. m., p. 55,000. 52.00 N., 3.30 W.
Breda, tn., N. Brabant, Holl. ; castle, cath. ; p. 27,827. 51.35 N., 4.46 E.
Bregenz, cap. Vorarlberg, Austria ; p. 7,750. 47.30 N., 9.45 E.
Breitenfeld, vil., Saxony ; battles 1631, 1642, 1813. 51.36 N., 12.37 E.
Bremen, free cy., port, Ger. ; exten. trade ; p. 214,861. 53.05 N., 8.48 E.
Bremerhaven, out-port of Bremen, Ger. ; p. 21,500. 53.32 N., 8.34 E.
Brenner Pass, in Central Tyrol Alps ; 4,588 ft. 47.03 N., 11.37 E.
Brentford, co. tn., Mddlx., Eng. ; mkt. gdns. ; p. 15,850. 51.29 N., 0.18 W.
Brentwood, mkt. tn., Essex, Eng. ; gram. sch. ; p. 4,975. 51.37 N., 5.18 E.
Brescia, cy., cap. B. prov., Italy ; two caths. ; p. 70.614. 45.33 N., 10.13 E
Breslau, cap. Silesia, Prussia ; univ., cath. ; p. 470,904. 51.06 N., 17.02 E.
Bressay, one of the Shetland Is. ; harbour ; p. 685. 60.07 N., 1.05 W.
Brest, fort. cy., Finistère, Fr. ; naval sta. ; p. 85,295. 48.23 N., 4.27 W.
Brest Litovsk, fort tn., Russ. Poland ; p. 46,825. 52.10 N., 23.42.E.
Briançon, tn., Hautes-Alpes, France ; arsenal ; p. 7,455. 44.56 N., 6.35 E.
Briansk, tn., Orel, Russia, on Desna R. ; p. 25,890. 53.14 N., 34.23 E.
Bridge of Allan, tn., Stirling, Scot. ; min. sprs. ; p. 3,265. 56.09 N., 3.57 W.
Bridge of Earn, vil., Perth, Scot. ; p. 375. 56.21 N., 3.25 W.
Bridgend, mkt. tn., Glam., Wales ; iron, coal ; p. 6,150. 51.53 N., 3.34 W.
Bridgeport, cy., prt. entry, Conn., U.S. ; mnfs. ; p.84,275. 41.14 N., 73.26 W.
Bridgeton, cy., prt. ent., N. Jersey, U.S., mnfs. ; p. 14,225. 39.22 N., 75.08 W.
Bridgetown, cap., prt., Barbados, W. Indies ; p. 34,000. 13.09 N., 59.35 W.
Bridgewater Canal, Lancs. and Chesh., Eng. ; 42 m. 53.28 N., 2.30 W.
Bridgnorth, tn., Salop, Eng., on Severn R. ; p. 6,075. 52.33 N., 2.25 W.
Bridgwater, riv.-port, Somerset, Eng. ; p. 15,560. 51.08 N., 3.07 W.
Bridlington, tn., w. pl., E.R. Yorks, Eng. ; p. 12,620. 54.06 N., 0.12 W.
Bridport, spt. tn., Dorset, Eng. ; ropes ; p. 5,992. 50.44 N., 2.45 W.
Brieg, tn., Silesia, Prussia ; machinery ; p. 24,760. 50.51 N., 17.29 E.
Brielle, fort. spt., South Holland ; good harb. ; p. 4,275. 51.53 N., 4.10 E.
Brienne-le-Château, tn., Aube, France ; battle 1814. 48.22 N., 4.33 E.
Brienz, tn., lake, Berne, Switz. ; p. 2,725. 46.46 N., 8.02 E.
Brierley Hill, tn., Staffs., Eng. ; coal, iron ; p. 12,375. 52.30 N., 2.10 W.
Brigg, mkt. tn., Lincoln, Eng. ; p. 3,365. 53.33 N., 0.29 W.
Brighouse, mnfg. tn., W.R. Yorks, Eng. ; p. 22,210. 53.44 N., 1.48 W.
Brightlingsea, spt., Essex, Eng. ; oysters ; p. 4,545. 51.49 N., 1.02 E.
Brighton, w. pl., Sussex, Eng. ; fine park ; p. 130,925. 50.49 N., 0.08 W.
Brighton, tn., w. pl., Victoria, Australia ; p. 10,425. 37.57 S., 145.01 E.
Brindában, tn., United Provs., Br. India ; p. 22,950. 27.30 N., 77.45 E.
Brindisi, spt., Lecce, Italy ; cath., castle ; p. 24,520. 40.40 N., 17.58 E.
Brisbane, spt., cap. Queensland ; lge. trade ; p. 143,077. 27.32 S., 153.02 E.
Bristol, large spt., Gloucs., Eng. ; expt. tr. ; p. 377,642. 51.28 N., 2.35 W.
Bristol, tn., Penn., U.S ; machinery, iron ; p. 7,210. 40.06 N., 74.56 W.
Bristol, port of entry, Rhode I., U.S. ; shpbldg. ; p. 6,995. 41.38 N., 71.18 W.
Bristol Channel, arm of Atlantic, W. of England. 51.20 N., 4.30 W.
British Columbia, prov., Canada ; a. 312,630 sq. m., p. 362,768. 53.00 N., 125.00 W.
British E. Africa, protec., a. 200,000 sq. m., p. 4,038,000. 0.00,35.00 E.
British Empire, area nearly 12,000,000 sq. m., p. 396¼ mil.
British Guiana, crown col., S. America ; p. 304,090. 4.00 N., 59.00 W.
British Honduras, crown col., Cent. America ; p. 43,270. 18.00 N., 88.20 W.
British Isles, N.W. Eur. ; a. 120,979 sq. m., p. 45,000,000. 55.00 N., 5.00 W.
British N. Borneo, part of the isl. of Borneo ; p. 160,000. 5.00 N., 117.00 E.
Briton Ferry, spt. tn., Glam., Wales ; p. 6,995. 51.37 N., 3.49 W.

Brittany, great N. W. pen. of France ; p. 3,250,000. 48.00 N., 2.20 W.
Brive, tn., Corrèze, France ; fine scenery ; p. 19,720. 45.09 N., 1.33 E.
Brixen, fort. tn., Tyrol, Austria ; min. baths ; p. 5,621. 46.44 N., 11.37 E.
Brixham, spt., w. pl., Devon, Eng. ; fish ; p. 8,125. 50.23 N., 3.31 W.
Broach, spt. tn., Bombay, Br. India ; p. 42,500. 21.44 N., 72.58 E.
Broads, flat dist., shallow lakes, Norfolk, Eng. 52.30 N., 1.15 E.
Broadstairs, w. pl., Kent, Eng. ; p. 6,520. 51.21 N., 1.26 E.
Brocken, highest pt. Harz Mts., Prussia ; 3,740 ft. 51.50 N., 10.38 E.
Brockton, cy., Mass., U.S. ; mnfs. boots ; p. 47,795. 42.05 N., 71.02 W.
Brockville, tn., port of entry, Ontario, Canada ; p. 9,125. 44.37 N., 75.46 W.
Brody, tn., Galicia, Austria ; leather, flax ; p. 17,520. 50.07 N., 25.10 E.
Broken Hill, mining tn., New S. Wales ; silver ; p. 31,000. 32.03 S., 141.35 E.
Bromberg, tn., Posen, Pruss. ; iron-fndries. ; p. 54,231. 53.07 N., 18.00 E.
Bromley, mkt. tn., Kent, England ; p. 27,755. 51.24 N., 0.01 E.
Bromsgrove, mkt. tn., Worcs., Eng. ; gram. sch. ; p. 8,625. 52.22 N., 2.04 W.
Bronte, tn., Sicily, at foot of Mt. Etna ; p. 20,750. 37.45 N., 14.49 E.
Brooklyn, cy., spt., New York, U.S. ; p. 1,358,686. 40.41 N., 74.00 W.
Broom, Loch, inlet, W. coast of Scotland. 57.55 N., 5.14 W.
Broughton-in-Furness, mkt. tn., Lancs., Eng. ; p. 1,210. 54.16 N., 3.12 W.
Broughty Ferry, tn., Forfar, Scot. ; p. 10,725. 56.28 N., 2.52 W.
Brown, Mount, in Rocky Mts., Canada ; 9,000 ft. 52.40 N., 118.36 W.
Brownhills, tn., Staffs., Eng. ; coal ; p. 15,790. 52.38 N., 1.45 W.
Brownsville, port of entry, Texas, U.S. ; p. 6,475. 25.53 N., 97.26 W.
Broxburn, mining tn., Linlithgow, Scot. ; p. 6,250. 55.57 N., 3.28 W.
Bruchsal, tn., Baden, Ger. ; rly. centre ; p. 14,931. 49.08 N., 8.35 E.
Bruges, cy., cap. W. Flanders, Belg. ; lace ; p. 53,897. 51.13 N., 3.12 E.
Brugg, tn., Aargau, Switz. ; castle ; p. 2,421. 47.29 N., 8.12 E.
Brunei, tn., state, Br. N. Borneo ; tn. p. 10,000. 4.48 N., 114.48 E.
Bruni, isl., off S.E. Tasmania ; a. 160 sq. m. 43.09 S., 147.17 E.
Brünn, cy., cap. Moravia, Austria ; castle ; p. 110,000. 49.12 N., 16.37 E.
Brunnen, port, beautiful vil., Schwyz, Switz. 46.59 N., 8.36 E.
Brunswick, duchy, Ger. ; a. 1,423 sq. m., p. 485,958. 51.53 N., 9. 58 E.
Brunswick, cap. of above ; mnfs. jute ; p. 136,397. 52.16 N., 10.31 E.
Brunswick, port of entry, Georgia, U.S. ; p. 9,750. 31.03 N., 81.40 W.
Brunswick, tn., Maine, U.S. ; cotton mills ; p. 6,925. 43.52 N., 70.01 W.
Brusa, cy., Asia Minor ; mnfs. silks ; p. 76,303. 40.11 N., 29.00 E.
Brussels, cap. of Belg. ; cath., univ., silk ; p. 637,807. 50.52 N., 4.21 E.
Brux, tn., Bohemia, Austria ; min. springs ; p. 21,500. 50.33 N., 13.40 E.
Brynmawr, min. tn., Brecknock, Wales ; p. 6,910. 51.48 N., 3.07 W.
Bucaramanga, tn., Colombia, on Lebrija ; p. 22,000. 7.00 N., 73.20 W.
Buccari, free port, Croatia, Austria ; p. 2,000. 45.18 N., 14.33 E.
Bucharest, cap. Roumania ; large trade ; p. 300,000. 44.25 N., 26.05 E.
Buckie, fishing tn., Banff, Scot. ; p. 6,610. 57.41 N., 2.58 W.
Buckingham, co. tn., Bucks ; grammar sch. ; p. 3,250. 52.00 N., 0.59 W.
Buckinghamshire, co., Eng., a. 743 sq. m., p. 197,500. 51.20 N., 0.50 W.
Budapest, twin cap., Hungary ; univ. ; flour ; p. 767,000. 47.30 N., 19.03 E.
Bude, w. pl., N. coast Cornwall, Eng. ; p. 2,368. 50.48 N., 4.30 W.
Budleigh Salterton, w. pl., Devon, Eng. ; p. 1,910. 50.38 N., 3.49 W.
Budrun, spt., As. Turkey, on G. of Kos ; p. 6,000. 37.04 N., 27.26 E.
Budweis, mnfg. cy., Bohemia, Austria ; cath. ; p. 39,910. 48.58 N., 14.29 E.
Buen Ayré, Dutch isl., W. Indies ; p. 4,500. 12.12 N., 68.25 W.
Buenaventura, tn., free port, Colombia ; p. 5,000. 3.55 N., 77.03 W.
Buenos Aires, fed. cap., Argentine Rep. ; p. 1,189,252. 34.39 S., 58.23 W.
Buenos Aires, prov., Argentine Rep. ; p. 1,647,029. 36.30 S., 60.00 W.
Bufarik, tn., Algeria, N. Africa ; p. 6,000. 36.50 N., 2.58 W.
Buffalo, cy., New York, U.S. ; grain port ; p. 381,819. 42.52 N., 78.54 W.
Bug, Western, riv., Russia ; rises in Austria ; 500 m. 50.45 N., 24.00 E.
Bug, Eastern, riv., Russia ; flows S.E. ; 520 m. 48.30 N., 29.30 E.
Bugulma, tn., Samara, Russia ; p. 13,750. 54.27 N., 52.42 E.
Buguruslan, tn., Samara, Russia ; p. 19,390. 53.43 N., 53.22 E.

Builth, tn., Brecknock, Wales ; min. sprs. ; p. 1,825. 52.09 N., 3.24 W.
Buitenzorg, tn., summer res., Java ; p. 25,000. 6.30 S., 106.48 E.
Bukovina, prov., Austria ; a. 4,035 sq. m., p. 730,000. 47.55 N., 25.30 E.
Bulacan, port, Luzon, Philippines ; p. 14,000. 14.42 N., 120.58 E.
Bulak, tn., Egypt ; river port of Cairo ; p. 20,000. 30.03 N., 31.12 E.
Bulawayo, cap. Rhodesia, S. Africa ; p. 7,000. 20.06 S., 28.06 E.
Bulgaria, kingdom, Balkan Pen. ; p. 4,158,410. 43.10 N., 25.25 E.
Bull Run, stream, Virginia, U.S. ; battle 1862. 38.53 N., 77.42 W.
Bulsár, tn., port, Bombay, Br. India ; p. 14,250. 20.35 N., 72.56 E.
Bultfontein, diamond mine, Griqualand West, S. Afr. 28.15 S., 25.59 E.
Bundaberg, sugar port, Queensland, Aus. ; p. 5,500. 24.54 S., 152.18 E.
Bundelkhand, region, Br. Cent. India ; p. 1,309,000. 25.40 N., 97.00 E.
Bundi, cap. B. state, Rajputana, India ; p. 19,750. 25.26 N., 75.37 E.
Bundoran, w. pl., Ire., on Donegal Bay ; p. 900. 54.30 N., 8.18 W.
Bungay, mkt. tn., Suffolk, Eng. ; printing ; p. 3,365. 52.57 N., 1.26 E.
Bunker's Hill, eminence, Mass., U.S. ; battle 1775. 42.22 N., 71.04 W.
Bunzlau, tn., Silesia, Prussia ; mnfs. ; p. 14,875. 51.16 N., 15.36 E.
Burano, tn., isl., Venice, Italy ; lace ; p. 8,250. 45.32 N., 12.20 E.
Burdwan, cy., Bengal ; palace, temples ; p. 35,500. 23.13 N., 87.54 E.
Burg, tn., Saxony, Prussia ; woollens ; p. 22,625. 54.26 N., 11.11 E.
Burgas, port, E. Roumelia, on B. gulf ; p. 11,150. 42.30 N., 27.24 E.
Burgdorf, tn., Berne, Switz. ; cheese ; p. 8,570. 47.03 N., 7.38 E.
Burglen, tn., Uri, Switz. ; birthpl. Wm. Tell ; p. 1,780. 46.52 N., 8.40 E.
Burgos, fort. cap. B. prov., Spain ; cath. ; p. 30,275. 42.21 N., 3.42 W.
Burgundy, old duchy, E. France ; famous wines. 47.06 N., 4.42 E.
Burhanpur, tn., Cent. Provs., India ; palace ; p. 33,125. 21.18 N., 76.17 E.
Burlington, cy., Iowa, U.S. ; mnfs. ; p. 27,541. 40.44 N., 91.17 W.
Burlington, port of entry, New Jersey, U.S. ; p. 7,400. 40.03 N., 74.54 W.
Burlington, port of entry, Vermont, U.S. ; p. 23,250. 44.29 N., 73.13 W.
Burma, prov., Br. Ind ; a. 236,738 sq. m., p. 10½ mil. 21.30 N., 95.00 E.
Burnham, w. pl., Somerset, Eng. ; p. 2,925. 51.30 N., 2.59 W.
Burnham Beeches, famous wood, Bucks, Eng. 51.33 N., 0.40 W.
Burnley, mnfg. tn., Lancs, Eng. ; cotton ; p. 106,260. 53.48 N., 2.15 W.
Burntisland, spt., w. pl., Fife, Scot. ; p. 8,920. 56.04 N., 3.14 W.
Burra, E. and W., two isls., Shetland Islands. 60.04 N., 1.19 W.
Burra Burra, famous copper mine, S. Australia. 33.42 S., 138.59 E.
Burrard Inlet, S.W. Brit. Colombia ; fine harbour. 40.17 N., 123.00 W.
Burrow Head, S.E. pt. Wigtown, Scotland. 54.41 N., 4.23 W.
Burslem, tn., Staffs., Eng. ; pottery ; p. 39,250. 53.03 N., 2.12 W.
Burton-on-Trent, tn., Derby & Staffs., Eng. ; p. 54,450. 52.48.N., 1.39 W.
Burtscheid, tn., Rhen. Prussia ; springs ; p. 16,140. 50.44 N., 6.09 E.
Buru, isl., Malay Arch. ; a. 3,360 sq. m., p. 45,000. 3.30 S., 126.42 E.
Bury, mnfg. tn., Lancs, Eng. ; cotton ; p. 59,234. 53.35 N., 2.18 W.
Bury St. Edmunds, mkt. tn., Suffolk, Eng. ; p. 16,520. 52.15 N., 0.43 E.
Buseo, tn., Roumania ; large trade ; p. 24,000. 45.10 N., 26.48 E.
Bushire, spt., Persia, on Persian G. ; p. 20,000. 29.00 N., 50.53 E.
Bussang, tn., W. Africa ; Mungo Park murdered. 10.25 N., 4.20 E.
Bute, isl., Scot., in F. of Clyde ; p. 12,400. 55.50 N., 5.05 W.
Buteshire, co., Scot. ; a. 225 sq. m., p. 18,787. 55.40 N., 5.10 W.
Butler, tn., Penn., U.S. ; petroleum ; p. 11,350. 41.33 N., 84.20 W.
Buton, isl., S.E. of Celebes ; a. 1,700 sq. m. 5.00 S., 122.45 E.
Butte, cy., Montana, U.S. ; silver ; p. 70,000. 45.54 N., 112.35 W.
Buttermere, lake, Cumb., Eng. ; 1¼ m. by ½ m. 54.31 N., 3.16 W.
Buxar, tn., Bengal, Br. India ; p. 18,850. 25.34 N., 83.59 E.
Buxton, tn., Derby, Eng. ; springs ; p. 10,325. 53.15 N., 1.55 E.
Buyukdereh, summer res., Turkey in Europe. 41.10 N., 29.03 E.

Cabatuan, tn., Panay I., Philippines ; p. 18,500. 11.00 N., 122.20 E.
Caceres, cap. C. prov., Spain ; battle 1706 ; p. 17,100. 39.29 N., 6.21 W.

Cader Idris, mt., Merioneth, Wales ; 2,914 ft. 52.42 N., 3.54 W.
Cadiz, spt., cap. Andalusia, Spain ; mnfs. ; p. 71,000. 36.33 N., 6.19 W.
Caen, cap. Calvados, France ; univ., cath. ; p. 44,442. 49.11 N., 0.21 E.
Caerleon, anc. tn., Monmouth, Eng. ; p. 1,395. 51.37 N., 2.58 W.
Caerphilly, tn., Glam., Wales ; castle ; coal ; p. 15,921. 51.35 N., 3.14 W.
Caesarea, anc. spt., Syria, formerly very important. 32.30 N., 34.53 E.
Cagliari, spt., cap. Sardinia ; univ., cath. ; p. 53,749. 39.13 N., 9.06 E.
Cahir, tn., Tipperary, Ireland ; castle ; p. 2,068. 52.22 N., 7.54 W.
Cahors, cap. Lot, France ; cathedral ; p. 14,350. 44.26 N., 1.27 E.
Caicos, Jamaican, group of isls., W. Indies ; p. 4,000. 21.42 N., 72.00 W.
Cairngorm, mt., Banff and Inver., Scot. ; 4,084 ft. 57,07 N., 3.40 W.
Cairo, cap., Egypt, win. res. ; Moham. univ. ; p. 654,476. 30.03 N., 31.21 E.
Cairo, cy., Ill., U.S. ; several factories ; p. 13,190. 30.00 N., 89.10 W.
Caithness, co., N.E. Scot. ; a. 701 sq. m., p. 33,870. 58.25 N., 3.30 W.
Cajabamba, cap. Chimborazo, Ecuador ; p. 18,500. 7.25 S., 78.35 W.
Cajamarca, cap. C. dep., Peru, S. America ; p. 12,000. 7.06 S., 78.35 W.
Calabar, tn., dist., S. Nigeria, W. Africa ; tn. p. 39.500 . 4.40 N., 7.30 E.
Calabria, S.W. div., Italy ; a. 6,637 sq. m., p. 1,429,054. 39.00 N., 16.25 E.
Calahan, cap. Mindoro I., Philippines ; p. 5,610. 12.36 N., 120.54 E.
Calahorra, cy., Logroño, Spain ; cathedral ; p. 9,500. 42.17 N., 2.03 W.
Calais, spt., Pas-de-Calais, France ; pckt. sta. ; p. 66,627. 50.57 N., 1.50 E.
Calais, cy., Maine, U.S. ; shipbuilding ; p. 7,695. 45.09 N., 67.19 W.
Calatafimi, tn., Sicily ; battle 1860 ; p. 11,520. 37.54 N., 12.51 E.
Calcutta, prt., cap. Br. Ind. ; expts. jute, etc. ; p. 1,030,000. 22.36 N., 88.23 E.
Caledonian Canal, Scotland, 60½ m. long. 57.25 N., 4.20 W.
Calgary, cap. Alberta, Canada ; trade cent. ; p. 43,736. 50.54.N., 114.00 W.
Cali, commer. tn., Cauca, Colombia ; p. 16,000. 3.25 N., 76.45 W.
Calicut, spt., Malabar, Madras, Br. India ; p. 76,000. 11.12 N., 75.48 E.
California, state, U.S. ; a. 155,980 sq. m., p. 2,001,193. 38.00 N., 121.00 W.
California, G. of, inlet of Pacific ; 700 m. long. 27.00 N., 111.00 W.
Callander, mkt. tn., Perth, Scot. ; tourist cent. ; p. 1,472. 56.14 N., 4.12 W.
Callao, spt., Lima, Peru ; sugar, guano ; p. 31,000. 12.02 S., 77.10 W.
Calne, mkt. tn., Wilts, Eng. ; bacon-curing ; p. 3,475. 51.27.N., 2.00 W.
Caltabelotta, tn., Sicily ; castle ; p. 8,000. 37.33 N., 13.12 E.
Caltagirone, cy., Sicily, on two hills ; p. 44,650. 37.12 N., 14.33 E.
Caltanisetta, fort. tn., Sicily ; cath. ; sprs. ; p. 43,303. 37.27 N., 14.02 E.
Calumet, vil., Mich., U.S. ; valuable copper mine. 47.15 N., 88.26 W.
Calvados, dep., France ; a. 2,130 sq. m., p. 403,431. 49.05 N., 0.20 W.
Calvi, spt., Corsica ; sea-fight 1794 ; p. 2,050. 42.34 N., 8.44 E.
Cambay, spt., cap. of a state, Bombay ; p. 31,750. 22.18 N., 72.32 E.
Camberwell, met. & parl. bor., S.E. Lond. ; p. 260,000. 51.30 N., 0.03 W.
Cambodia, prot., Fr. Indo-China ; a. 38,000 sq. m., p. 1¾ mil. 12.00 N., 105.00 E.
Camborne, tn., Cornwall, Eng. ; copper ; p. 14,815. 51.13 N., 5.18 W.
Cambrai, cy., fortress, Nord, France ; cambric ; p. 26,755. 50.10 N., 3.12 E.
Cambridge, co. tn., Cambs., Eng. ; univ. ; p. 48,000. 52.13 N., 0.06 E.
Cambridge, cy., Mass., U.S. ; univ. ; p. 98,544. 42.19 N., 71.06 W.
Cambridgeshire, co., Eng. ; a. 859 sq. m., p. 191,500. 52.15 N., 0.10 E.
Cambuslang, mining tn., Lanark, Scot. ; p. 12,350. 55.50 N., 4.10 W.
Camden, cy., port of entry, New Jersey, U.S. ; p. 84,849. 39.53 N., 75.06 W.
Camerino, tn., Macerata, Italy ; cath. ; p. 12,254. 43.8 N., 13.11 E.
Campania, div., W. Italy ; a. 6,393 sq. m., p. 3,256,815. 40.50 N., 15.00 E.
Campbell I., isl. in Pacific, S. of New Zealand. 50.20 S., 170.00 E.
Campbeltown, spt., Argyll, Scot. ; fish ; p. 8,310. 55.26 N., 5.36 W.
Campeachy, spt., Mexico ; citadel, univ. ; p. 17,100. 19.52 N., 90.34 W.
Camperdown, low dunes, N. Holland ; sea-fight 1797. 52.42 N., 4.32 E.
Campinas, tn., Brazil, S. America ; p. 28,000. 22.50 S., 47.01 W.
Campobasso, cap. C. prov., Italy ; cutlery ; p. 15,125. 41.33 N., 14.41 E.
Campobello, tn., Sicily ; sulphur mines ; p. 12,200. 37.12 N., 13.55 E.
Campos, tn., Rio de Janeiro, Brazil ; p. 35,000. 21.42 S., 41.20 W.
Canada, Br. dom., N. Amer. ; a. 3,619,818 sq. m., p. 7⅕ mil. 60.00 N., 100.00 W.

Canadian, riv., U.S., trib. of Arkansas ; 900 m. 36.00 N., 101.00 W.
Canary Is., Sp. grp., Atlantic ; a. 2,808 sq. m., p. 360,000. 28.30 N., 16.00 W.
Canberra, site of Fed. Cap. of Australia, N.S. Wales. 35.12 S., 143.05 E.
Candia, fort. spt., former cap. Crete, on N. cst. ; p. 22,774. 35.21 N., 25.07 E.
Canea, cap., Crete, on N.W. cst. ; good harb., p. 25,000. 35.28 N., 24.02 E.
Canna, isl., Argyll, Scot. ; a. 4½ sq. m., p. 52. 57.05 N., 6.30 W.
Cannanore, spt. Malabar, Madras ; p. 27,900. 11.53 N., 75.24 E.
Cannes, w. pl., Alpes-Marit., France ; p. 30,450. 43.32 N., 6.56 E.
Cannock, tn., Staffs., Eng. ; iron industry ; p. 24,250. 52.43 N., 2.03 W.
Cannstatt, tn., Würtemberg, Ger. ; min. sprs. ; p. 26,550. 48.47 N., 9.14 E.
Canosa, tn., Bari, Italy ; castle, cath. ; p. 24,430. 41.17 N., 16.09 E.
Canso, spt., cape, Nova Scotia, Canada ; p. 2,000. 45.14 N., 61.00 W.
Cantal, dep., France ; a. 2,090 sq. m., p. 228,690. 45.00 N., 2.40 E.
Canterbury, cy., Kent, Eng. ; cathedral ; p. 26,655. 51.16 N., 1.05 W.
Canterbury, dist., N.Z. ; sheep ; a. 14,039 sq. m., p. 160,000. 43.42 S., 171.03 E.
Canton, spt., cy., cap. Kwangtung, China ; p. 900,000. 23.12 N., 113.17 E
Canton, mnfg. cy., Ohio, U.S. ; coal ; p. 38,440. 40.50 N., 81.27 W.
Cape Breton, isl., Canada ; a. 3,120 sq. m., p. 97,000. 46.20 N., 60.40 W.
Cape Coast Castle, Br. sett., Up. Guinea, W. Africa ; p. 11,500. 5.15 N., 1.10 W.
Cape Cod, peninsula, Mass., U.S., 65 m. long. 42.00 N., 70.18 W.
Cape Haytien, spt., Hayti, on N. coast ; p. 30,000. 19.50 N., 72.12 W.
Cape of Good Hope, famous headland, S. Africa. 34.24 S., 18.29 E.
Cape of Good Hope, Br. col., S. Afr. ; a. 276,995 sq. m., p. 2½ mil. 32.00 S., 23.00 E.
Cape Verde Is., Port. grp., N. Atlantic ; p. 147,424. 16.30 N., 25.00 W.
Capetown, cap. C. of G. Hope ; docks ; cath. ; p. 91,973. 33.56 S., 18.27 E.
Capo d'Istria, fort. spt., Austria ; cath. ; p. 10,835. 45.33 N., 13.44 E.
Capraja, volc. isl., Mediterranean Sea. 43.02 N., 9.49 E.
Caprera, isl., Italy, off N. cst. Sardinia ; a. 10½ sq. m. 41.12 N., 9.27 E.
Capri, isl., Mediterranean ; ent. B. of Naples ; p. 6,400. 40.32 N., 14.15 E.
Capua, fort. cy., Caserta, Italy ; cathedral ; p. 14,365. 41.06 N., 14.14 E.
Carácas, cap. Venezuela ; univ., cath. ; p. 75,000. 10.28 N., 67.02 W.
Caravaca, tn., Murcia, Spain ; p. 15,950. 38.05 N., 1.53 W.
Caravaggio, tn., Bergamo, Italy ; fam. church ; p. 7,220. 45.29 N., 9.37 E.
Carbondale, cy., Penn., U.S. ; foundries ; p. 14,976. 41.35 N., 75.30 W.
Carcassonne, tn., Aude, France ; castle, cath. ; p. 31,100. 43.12 N., 2.21 E.
Cardenas, spt., Cuba, on N. coast ; p. 24,280. 23.06 N., 81.12 W.
Cardiff, spt., Glam., S. Wales ; coal, iron ; p. 195,305. 51.28 N., 3.10 W.
Cardigan, co. tn., spt., Card., Wales ; bricks ; p. 3,570. 52.05 N., 4.39 W.
Cardigan Bay, bend of St. George's Channel. 52.20 N., 4.40 W.
Cardiganshire, co., Wales ; a. 693 sq. m., p. 60,800. 52.12 N., 4.10 W.
Cardross, vil., Dumb., Eng., Bruce died at C. castle. 55.58 N., 4.38 W.
Caribbean Sea, between W. Indies & C. & S. America. 15.00 N., 73.00 W.
Cariboo, gold fields, Brit. Columbia. 53.00 N., 121.00 W.
Carimata, isls. and strait, W. of Borneo. 1.40 S., 109.00 E.
Carinthia, crown ld., Austria ; a. 4,005 sq. m., p. 366,000. 46.50 N., 14.00 E.
Carisbrooke, vil., I. of Wight ; castle ; p. 4,000. 50.42 N., 1.18 W.
Carlingford, spt., inlet, Louth, Ireland ; p. 640. 54.02 N., 6.12 W.
Carlisle, co. tn., Cumb., Eng. ; cath. ; cotton ; p. 46,000. 54.54 N., 2.55 W.
Carlisle, cy., Penn., U.S. ; college ; mnfs. ; p. 10,000. 40.10 N., 77.17 W.
Carlovitz (Karlowitz), tn., Hung. ; cath. ; wine ; p. 5,000. 45.11 N., 20.00 E.
Carlow, co., Ireland ; a. 346 sq. m., p. 37,748. 52.45 N., 6.50 W.
Carlow, co. tn., Carlow, Ireland ; cath. ; flour ; p. 6,225. 52.50 N., 6.55 W.
Carlsbad (Karlsbad), tn., w. pl., Bohemia, Aust. ; p. 15,250. 50.13 N., 12.53 E.
Carlshamn, (Karlsamn), fort. spt., Sweden ; p. 7,500. 56.10 N., 14.52 E.
Carlskrona, (Karlskrona), fort. spt., naval sta., Sweden ; p. 26,917. 56.09 N., 15.39 E.
Carlsruhe, cap. Baden, Ger. ; jewellery ; p. 119,813. 49.00 N., 8.25 E.
Carlstad, (Karlstad), tn., Sweden ; cath. ; p. 16,400. 59.23 N., 13.30 E.
Carlstadt, (Karlstadt), fort. tn., Hungary ; p. 7,950. 45.30 N., 15.34 E.
Carlton, tn., Notts., Eng. ; hosiery ; p. 10,500. 53.11 N., 0.47 W.
Carluke, mining tn., Lanark, Scot. ; p. 4,750. 55.44 N., 3.50 W.

Carmarthen, cap. Carm., Wales ; tin ; p. 10,750. 51.52 N., 4.19 W.
Carmarthenshire, co., S. Wales ; a. 947 sq. m., p. 135,900. 51.55 N., 4.10 W.
Carmaux, tn., Tarn, France ; coal mines ; p. 11,150. 44.03 N., 2.12 E.
Carmel, mt. range, Palestine ; highest pt. 1,750 ft. 32.45 N., 35.02 E.
Carmona, anc. tn., Andalusia, Spain ; p. 17,615. 37.29 N., 5.41 W.
Carnac, vil., Morbihan, France ; Celtic monuments. 47.36 N., 3.04 W.
Carnarvon, spt., cap. Carn., Eng. ; slate ; p. 9,840. 53.09 N., 4.16 W.
Carnarvon Bay, Wales, between C. and Anglesey. 53.04 N., 4.30 W.
Carnarvonshire, co., Eng. ; a. 379 sq. m., p. 127,500. 53.02 N., 4.10 W.
Carnatic, region, Coromandel Coast, India. 12.00 N., 79.00 E.
Carniola, crownland, Austria ; a. 3,856 sq. m., p. 510,000. 45.55 N., 14.40 E.
Carnoustie, coast tn., Forfar, Scot. ; p. 5,270. 56.31 N., 2.41 W.
Caroline Is., Ger. grp., W. Pacific ; p. 36,000. 10.00 N., 148.00 E.
Carpathian Mts., range, Austria Hungary. 49.12 N., 19.40 E.
Carpentaria, G. of, large inlet, N. Australia. 15.30 S., 139.00 E.
Carpentras, tn., Vaucluse, France ; cath. ; p. 10,850. 44.03 N., 5.03 E.
Carrara, cy., N. Italy ; marble quarries ; p. 42,097. 44.05 N., 10.05 E.
Carrickfergus, spt., Antrim, Ireland ; p. 8,840. 54.43 N., 5.48 W.
Carrick-on-Shannon, cap. Leitrim, Ire. ; p. 1,410. 53.57 N., 8.05 W.
Carrick-on-Suir, mkt. tn., Tipperary, Ire. ; p. 5,550. 52.21 N., 7.24 W.
Carron, vil., Stirling, Scot. ; ironworks ; p. 2,000. 56.02 N., 3.48 W.
Carson City, cap. Nevada, U.S. ; gold ; p. 2,350. 39.10 N., 118.00 W.
Cartegena, fort. spt., Murcia, Spain ; p. 104,000. 37.37 N., 0.55 W.
Cartagena, cap. Bolivar, Colombia ; univ. ; p. 14,000. 10.22 N., 75.32 W.
Cartago, former cap., Costa Rica ; p. 9,000. 9.54 N., 83.41 W.
Carthage, cape, ruins of anc. cy., Tunis, W. Africa. 36.53 N., 10.05 E.
Carupane, spt., Venezuela ; lighthouse ; p. 12,800. 10.36 N., 63.16 W.
Casablanca, spt., Morocco, on Atlantic ; p. 20,000. 33.48 N., 7.35 W.
Casale, cy., Alessandria, Italy ; cath. ; p. 31,790. 45.07 N., 8.27 E.
Casamicciola, w. pl., on Ischia I., Italy ; p. 3785. 40.43 N., 13.53 E.
Cascade Range, mts., N. America ; pk. 14,444 ft. 45.00 N., 121. 10 W.
Caserta, cy., cap. C. prov., Italy ; palace ; p. 32,709. 41.03 N., 14.22 E.
Cashel, cy., Tipperary, Ire. ; cath. ruins ; p. 2,959. 52.31 N., 7.53 W.
Caspian Sea, inland sea, between Europe and Asia. 43.00 N., 51.00 E.
Cassandra, pen., gulf, Turkey in Europe. 40,00 N., 23.25 E.
Cassel, cap. Hesse Nassau, Prussia ; p. 120,467. 51.19 N., 9.31 E.
Castellammare, spt., Salerno, Italy ; cath. ; p. 32,840. 40.42 N., 14.30 E.
Castellamare, tn., Sicily, on gulf of C. ; p. 20,750. 38.01 N., 12.52 E.
Castellon de la Plana, spt., cap. C. prov., Spain ; p. 30,250. 39.59 N., 0.05 W.
Castelnaudary, tn., Aude, France ; silk ; p. 9,425. 43.18 N., 1.57 E.
Castelvetrano, tn., Sicily ; rice, wine ; p. 24,950. 37.41 N., 12.46 E.
Castiglione, tn., Sicily, near Mt. Etna ; p. 9,100. 37.52 N., 15.08 E.
Castile, dist., Spain, divided into Old and New Castile. 40.00 N., 3.45 W.
Castillon, tn., Gironde, France ; battle 1453. p. 3,300. 44.52 N., 0.01 W.
Castle Douglas, mkt. tn., sum. res., Kirkcbt., Scot. ; p. 3,050. 54.57 N., 3.56 W.
Castlebar, mkt. tn., cap. Mayo, Ireland ; p. 3,620. 53.52 N., 9.17 W.
Castleblayney, mkt. tn., Monaghan, Ireland ; p. 1,620. 54.07 N., 6.45 W.
Castleford, tn., W.R. Yorks, Eng. ; glass ; p. 17,750. 53.44 N., 1.22 W.
Castlemaine, tn., Victoria, Aus. ; gold mines ; p. 8,500. 37.06 S., 144.17 E.
Castleton, tn., Derby, Eng. ; castle ; p. 650. 53.21 N., 1.47 W.
Castletown, spt., I. of Man ; brewing ; p. 2,000. 54.04 N., 4.40 W.
Castletown Berehaven, spt., Cork, Ire. ; p. 1,700. 51.39 N., 9.54 W.
Castres, tn., Tarn, France ; mnfs. ; p. 27,850. 43.36 N., 2.14 E.
Castries, spt., St. Lucia, W. Indies ; p. 7,757. 14.00 N., 61.01 W.
Castro Urdiales, spt., Santander, Spain ; p. 14,500. 43.25 N., 3.18 W.
Castrogiovanni, tn., Sicily ; fortified ; p. 26,850. 37.32 N., 14.18 E.
Catalonia, old princip., Spain ; a. 12,500 sq. m., p. 2 mil. 41.30 N., 1.20 E.
Catamarca, cap. C. prov., Argentina ; p. 7,650. 28.30 S., 65.54 W.
Catania, spt., cap. C. prov., Sicily ; cath. ; p. 163,000. 37.28 N., 15.03 E.
Catanzaro, tn., cap. C. prov., Italy ; cath. ; p. 31,824. 38.55 N., 16.37 E.

Cateau-Cambresis, Le, tn., Nord, France ; p. 10,895. 50.04 N., 3.22 E.
Cathcart, tn., Renfrew, Scot. ; battle 1568 ; p. 4,875. 55.50 N., 4.16 W.
Catrine, tn., Ayr, Scot. ; cotton mill ; p. 2,390. 55.31 N., 4.20 W.
Catskill Mts., ranges, New York, U.S. ; pks. 4,000 ft. 42.07 N., 74.20 W.
Cattaro, fort. spt., Dalmatia, Austria ; p. 5,784. 42.23 N., 18.48 E.
Cattegat, chan., between Jutland and Sweden. 56.50 N., 11.00 E.
Cauca, riv. and state, Colombia ; riv. 600 m. long. 8.00 N., 75.20 W.
Caucasia, large div., Russia, a. 183,000 sq. m., p. 11 mil. 43,00 N., 45.00 E.
Caucasus, mt. range, Russia ; Mt. Elburz 18,538 ft. 43.50 N., 43.00 E.
Caudebec, tn., Seine Inf., France ; cloth ; p. 9,950. 49.31 N., 0.41 E.
Cauterets, w. pl., Hautes-Pyrenées, France ; p. 1,650. 42.54 N., 0.07 W.
Cauvery, riv., Madras, India ; 415 m. long. 11.20 N., 77.44 E.
Cavaillon, tn., Vaucluse, France ; cath. ; p. 9,900. 43.51 N., 5.00 E.
Cavan, co. tn., Cavan, Ireland ; p. 2,895. 53.59 N., 7.22 W.
Cavan, co., Ireland ; a. 746 sq. m., p. 97,541. 54.00 N., 7.30 W.
Cavité, fort. spt., Luzon, Philippines ; p. 5,500. 14.29 N., 120.54 E.
Cawnpore, cy., United Provs., Brit. India ; p. 198,000. 26.28 N., 80.19 E.
Cayenne, fort. spt., cap., Fr. Guiana ; p. 12,426. 4.49 N., 52.18 W.
Caymans, three isl., Br. W. Indies ; turtles ; p. 6,500. 19.20 N., 81.12 W.
Ceará (Fortaleza), spt., cap. C. prov., Brazil ; p. 33,000. 3.49 S., 38.24 W.
Cebu, isl., Philippines ; a. 2,289 sq. m., p. 592,250. 10.00 N., 123.42 E.
Cedar Rapids, cy. Ioa., U.S. ; rly. centre ; p. 29,380. 42.33 N., 92.32 W.
Cefalù, cy., N. coast Sicily ; cathedral ; p. 14,900. 38.01 N., 14.03 E.
Celaya, tn., Guanajuato, Mexico ; p. 25,565. 20.34 N., 100.58 W.
Celebes, isl., Dutch. E. Ind ; a. 72,000 sq. m., p. 582,000. 4.00 S., 121.00 E.
Celle, mnfg. tn., Hanover, Prussia ; castle ; p. 20,100. 52.38 N., 10.03 E.
Central America, betw. Mexico & S. Amer. ; p. 5,000,000. 14.00 N., 90.00 W.
Central Asia, div., a. 1,350,000 sq. m., p. 7,500,000. 40.00 N., 80.00 E.
Central City, cy., Col., U.S. ; gold mines ; p. 3,275. 39.50 N., 105.50 W.
Central Falls, cy., Rhode I., U.S. ; mnfs. ; p. 19,702. 41.53 N., 71.22 W.
Central India, group of native states, India ; p. 8,630,000. 24.00 N., 78.00 E.
Central Provinces, India ; a. 116,000 sq. m., p. 11¾ mil. 21.49 N., 80.45 E.
Ceos, isl., Cyclades, Greece ; a. 39 sq. m., p. 5,100. 37.37 N., 24.20 E.
Cephalonia, isl., Ionian Is. ; a. 302 sq. m., p. 71,235. 38.15 N., 20.33 E.
Ceram, isl., D. E. Indies ; a. 6,605 sq. m., p. 105,000. 3.00 S., 129.00 E.
Cerignola, tn., Foggia, Italy ; battle 1503 ; p. 34,195. 41.15 N., 15.53 E.
Cerigo, isl., Ionian Is. ; a. 107 sq. m., p. 15,500. 36.15 N., 23.00 E.
Cerro de Pasco, tn., Peru ; silver mines ; p. 14,500. 10.38 S., 76.27 W.
Cerro Largo, cap. C. L. dep., Uruguay ; p. 5,200. 32.25 S., 54.20 W.
Cesena, tn., Forli, Italy ; battle 1815 ; p. 42,240. 44.08 N., 12.13 E.
Cetinje, cap. Montenegro ; p. 4,500. 42.25 N., 19.00 E.
Cette, spt., w. pl., Hérault, France ; wine ; p. 33,850. 43.23 N., 3.42 E.
Ceuta, Span. port, Morocco ; mil. sta. ; p. 13,000. 35.52 N., 5.18 W.
Cévennes, mt. range, S. France ; pk. 5,754 ft. 44.15 N., 3.44 E.
Ceylon, Br. isl., Indian Ocean ; tea ; p. 3,988,064. 7.40 N., 80.50 E.
Cezimbra, coast tn., Portugal ; fisheries ; p. 9,900. 38.27 N., 9.08 W.
Chad, lake, Cent. Sudan ; a. 10,400 sq. m. 13.30 N., 14.00 E.
Chagres, tn., riv., Panama Rep. ; p. 1,150. 9.18 N., 79.58 W.
Chalcis, cap. Eubœa, Greece ; p. 10,985. 38.30 N., 23.42 E.
Chaleur, Bay, inlet of G. of St. Lawrence. 48.00 N., 65.00 W.
Chalgrove, vil., Oxford, Eng. ; Hampden kld. 1643. 51.42 N., 1.08 W.
Châlons-sur-Marne, cap. Marne, France ; p. 27,500. 48.59 N., 4.20 E.
Châlon-sur-Saône, tn., Saône-et-Loire, Fr. ; p. 29,750. 46.47 N., 4.52 E.
Chamba, a Punjab Hill state, India ; p. 130,000. 32.30 N., 76.12 E.
Chambal, riv., Cent. Ind. ; trib. of Jumna R. ; 514 m. 26.45 N., 78.30 E.
Chambéry, cap. Savoy, France ; clocks ; p 22,650. 45.34 N., 5.54 E.
Chamonix, vil., France, at foot of Mont Blanc. 45.54 N., 6.54 E.
Champagne, old prov., France ; famous wines. 48.42 N., 4.18 E.
Champlain, beaut. lake, betw. Ver. & New York, U.S. 44.20 N., 73.20 W.
Chancellorsville, vil., Virg., U.S. ; battle 1863. 38.14 N., 77.40 W.

Chándá, tn., Cent. Provs., Br. India ; fair ; p. 16,500. 19.55 N., 79.18 E.
Chandernagore, Fr. cy., Bengal, on Hooghly ; p. 26,000. 22.52 N., 88.19 E.
Changchow, cy., Kiangsu, China ; p. 300,000. 31.44 N., 119.58 E.
Changchow, cy., Fukien, China ; p. 1,000,000. 24.28 N., 117.42 E.
Changsha, cy., cap. Hunan, China ; p. 230,000. 28.22 N., 112.50 E.
Channel Is., group, off N. coast France ; p. 95,950. 49.20 N., 2.20 W.
Chantabun, spt., Siam ; occup. by French ; p. 30,000. 12.28 N., 104.20 E.
Chantilly, tn., Oise, France ; race-course ; p. 4,880. 49.09 N., 2.27 E.
Chapala, isleted lake, Mexico ; a. 1,300 sq. m. 20.30 N., 102.35 W.
Chapra, tn., Bengal, near the R. Ganges ; p. 45,500. 25.47 N., 84.47 E.
Chard, tn., Somerset, Eng. ; mnfs. lace ; p. 4,500. 50.53 N., 2.59 W.
Charente, riv., France, flows to B. of Biscay ; 222 m. 45.50 N., 0.37 W.
Charente, dep., France ; a. 2,285 sq. m., p. 351,733. 45.40 N., 0.10 E.
Charente-Inférieure, dep., Fr. ; a. 2,625 sq. m., p. 453,793. 45.45 N., 0.40 W.
Charenton-le-Pont, tn., Marne, France ; p. 17,890. 48.47 N., 2.25 E.
Charleroi, tn., Belg. ; coal-mining cent. ; p. 27,415. 50.24 N., 4.27 E.
Charleston, spt. cy., S. Carol., U.S. ; cotton ; p. 56,317. 32.43 N., 79.52 W.
Charleston (Kanawha), cap. W. Virg., U.S. ; p. 13,715. 38.21 N., 81.32 W.
Charleville, tn., Ardennes, France ; mnfs. ; p. 18,960. 49.47 N., 4.42 E.
Charlotte, cy., N. Carolina, U.S. ; univ. ; p. 22,010. 35.17 N., 89.39 W.
Charlotte Amalie, spt., cap. St. Thomas I., W. Indies. 18.22 N., 64.56 W.
Charlottenburg, tn., Brandenburg, Prussia ; p. 239,559. 52.32 N., 13.17 E.
Charlottetown, cap. Prince Edward I. ; harb. ; p. 13,000. 46.14 N., 63.10 W.
Charters Towers, tn., Qnsld., Aus. ; mining ; p. 20,976. 20.00 S., 146.18 E.
Chartres, cap. Eure-et-Loir, France ; cath. ; p. 23,950. 48.26 N., 1.29 E.
Chateauroux, cap. Indre, France ; mnfs. ; p. 25,250. 46.49 N., 1.41 E.
Château-Thierry, tn., Aisne, Fr. ; battle 1814 ; p. 7,250. 49.02 N., 3.21 E.
Châtellerault, tn., riv., Vienne, France ; p. 21,250. 46.49 N., 0.33 E.
Chatham, port, Kent, Eng. ; nav. arsenal ; p. 37,500. 51.23 N., 0.32 E.
Chatham, tn., Ontario, Canada ; foundries ; p. 10,220. 42.27 N., 82.20 W.
Chatham, Br. isl. group, S. Pacific ; p. 9,750. 44.00 S., 176.40 W.
Chatsworth, seat of Duke of Devonshire, Derby, Eng. 53.24 N., 1.37 W.
Chattanooga, cy., Tenn., U.S. ; cotton ; p. 34,297. 35.00 N., 85.21 W.
Chaumont, tn., Haute-Marne, France ; mnfs. ; p. 14,950. 48.15 N., 5.07 E.
Chaux de Fonds, tn., Switz. ; watches ; p. 38,700. 47.07 N., 6.50 E.
Cheadle, mkt. tn., Staffs., Eng. ; coal ; p. 5,275. 52.59 N., 1.59 W.
Cheddar, vil., Somerset, Eng. ; caverns ; p. 2,000. 51.18 N., 2.48 W.
Cheduba, isl., India, in B. of Bengal ; p. 25,000. 18.46 N., 93.30 E.
Chefoo, treaty port, Shantung, China ; p. 100,000. 37.31 N., 121.25 E.
Chekiang, prov., China ; a. 36,681 sq. m., p. 11½ mil. 29.50 N., 120.00 E.
Cheliabinsk, tn., Orenburg, Russ. ; rly. cent. ; p. 25,500. 55.14 N., 61.22 E.
Chelmsford, co. tn., Essex, Eng. ; agric. ; p. 12,850. 50.44 N., 0.28 E.
Chelsea, parl. bor., S.W. Lond. ; mil. asyl. ; p. 74,000. 51.28 N., 0.07 W.
Cheltenham, mkt. tn., w. pl., Gloucs., Eng. ; 2 colls. ; p. 52,900. 51.55 N., 2.05 W.
Chelyuskin, cape, most N. pt. of Asia. 78.00 N., 103.00 E.
Chemnitz, mnfg. tn., Saxony, Ger. ; cotton ; p. 244,940. 50.50 N., 12.55 E.
Chemulpo, spt., Corea ; treaty port ; p. 13,118. 37.30 N., 126.42 E.
Chenab, riv., Kashmir and United Provs. ; 755 m. 30.50 N., 71.54 E.
Chengtu, cap. Szechwan, China ; arsenal ; p. 1,000,000. 30.42 N., 104.06 E.
Chepstow, mkt. tn., riv. port, Mon., Eng. ; p. 3,150. 51.38 N., 2.41 W.
Cher, dep., riv., France ; a. 2,770 sq. m., p. 343,484. 47.00 N., 2.30 E.
Cherbourg, spt., Manche, France ; arsenal ; p. 43,837. 49.38 N., 1.37 W.
Cheribon, spt., Java, on N. coast ; p. 19,000. 6.42 S., 108.36 E.
Cherkask, tn., S. Russia ; on Don R. ; p. 15,000. 47.20 N., 40.00 E.
Cherkasy, tn., Kief, Russia ; p. 30,000. 49.25 N., 32.08 E.
Chernigof, cap. C. gov., on Desna R. ; p. 26,000. 51.24 N., 31.25 E.
Cherso, isl., tn., Illyria, Austria ; isl. p. 8,000. 44.54 N., 14.25 E.
Chertsey, tn., Surrey, Eng. ; on Thames R. ; p. 13,100. 51.24 N., 0.30 W.
Chesapeake Bay, inlet, Maryld. and Virg., U.S. 38.00 N., 76.20 W.
Chesham, mkt. tn., Bucks., Eng. ; mnfs. ; p. 7,500. 51.42 N., 0.37 W.

Cheshire, marit. co., Eng. ; a. 1,027 sq. m., p. 816,000. 53.10 N., 2.30 W.
Cheshunt, tn., Herts, Eng. ; college ; p. 12,760. 51.48 N., 0.03 W.
Chesil Bank, coastline of shingle, Dorset, Eng. 50.37 N., 2.32 W.
Chesme, spt., Asia Minor ; naval battle 1770. 38.18 N., 26.19 E.
Chester, episcopal cy., spt., cap. Chesh., Eng. p. 39,659. 53.12 N., 2.54 W.
Chester, cy., Penn., U.S. ; shipbldg., cotton ; p. 38,002. 39.55 N., 75.21 W.
Chesterfield, tn., Derby, Eng. ; mnfs. silk ; p. 27,850. 53.14 N., 1.26 W.
Chesterfield Inlet, arm of Hudson Bay ; 250 m. long. 63.18 N., 91.00 W.
Chester-le-Street, mkt. tn., Durham, Eng. ; p. 11,850. 54.52 N., 1.35 W.
Cheviot Hills, range, between Eng. and Scot. 55.20 N., 2.30 W.
Cheyenne, cap. Wyoming, U.S. ; coal, iron ; p. 20,000. 41.12 N., 104.48 W.
Chhattisgarh, div., Cent. Provs., India ; p. 3¼ mil. 21.00 N., 82.00 E.
Chiapas, state, Mexico ; a. 27,222 sq. m. , p. 360,790. 17.20 N., 92.30 W.
Chiari, tn., Brescia, Italy ; battle 1701 ; p. 11,009. 45.32 N., 9.55 E.
Chiavari, spt., Genoa, Italy ; anchovies ; p. 12,950. 44.19 N., 9.19 E.
Chiavenna, tn., Londrio, Italy ; wine trade ; p. 4,950. 46.19 N., 9.23 E.
Chicacole, tn., Madras, Br. India ; muslins ; p. 18,845. 18.17 N., 83.55 E.
Chicago, cy., Ill., U.S. ; grt. trade ; univ. ; p. 2,367,000. 41.53 N., 87.40 W.
Chichester, cy., Sussex, Eng. ; cath., schools ; p. 12,575. 50.51 N., 0.47 W.
Chickahominy, riv., Virg., U.S. ; battles 1862. 37.35 N., 77.25 W.
Chiclana, tn., Cadiz, Spain ; min. baths ; p. 11,100. 36.25 N., 6.10 W.
Chiclayo, tn., Peru ; sugar estates ; p. 11,655. 7.00 S., 79.57 W.
Chicopee, tn., Mass., U.S. ; cotton, tools ; p. 20,191. 42.09 N., 72.37 W.
Chiem See, lake, Upper Bavaria ; 12 m. by 7 m. 47.54 N., 12.18 E.
Chieti, cy., cap. C. prov., Italy ; cathedral ; p. 26,368. 42.21 N., 14.10 E.
Chignecto Bay, inlet of B. of Fundy, Canada. 45.35 N., 64.30 W.
Chihli, Gulfs of. *See* **Pechili.**
Chihuahua, cap. C. state, Mexico ; cath. ; p. 30,405. 28.32 N., 106.28 W.
Chikislar, small port, Russia, on Caspian S. 37.30 N., 53.54 E.
Chile, repub., S. Amer. ; a. 290,827 sq. m., p. 3,254,450. 35.00 S., 72.00 W.
Chilianwala, vil., Punjab, Br. India ; battle 1849. 32.44 N., 73.38 E.
Chilkoot Pass, between Alaska and Yukon. 59.38 N., 135.00 W.
Chillan, tn., Chile, S. Amer. ; bathing ; p. 34,270. 36.30 S., 72.12 W.
Chiloe, isl., W. coast S. America ; 100 m. by 35 m. 42.30 S., 73.50 W.
Chiltern Hills, Oxford, Bucks, Herts, Eng. ; pk. 950 ft. 51.36 N., 1.00 W.
Chimborazo, mt., S. Amer., in the Andes ; 20,498 ft. 1.15 S., 78.50 W.
China, S.E. part of Chinese Empire ; p. 407¼ mil. 30.00 N., 110.00 E.
China Sea, between China, Siam, and Philippines. 20.00 N., 115.00 E.
Chinampo, free port, Korea, N. coast ; p. 17,500. 38.40 N., 125.10 E.
Chindwin, riv., Burma, trib. of Irrawaddy R. 26.00 N., 96.00 E.
Chinese Empire, Asia ; a. 4¼ mil. sq. m., 433½ mil. 36.00 N., 100.00 E.
Chingford, vil, Essex, Eng. ; holiday resort. 51.38 N., 0.05 W.
Chingleput, tn., Madras ; rly. junc. ; p. 9,920. 12.40 N., 80.02 E.
Chinkiang, port, Kiangsu, China ; p. 182,000. 32.12 N., 119.24 E.
Chioggia, spt., Venice, Italy ; cathedral ; p. 30,563. 45.13 N., 12.14 E.
Chios, Turkish isl., Ægean Sea ; a. 320 sq. m., p. 71,000. 38.24 N., 26.00 E.
Chios, spt., cap. of above isl., on E. coast ; p. 13,000. 38.20 N., 26.20 E.
Chippenham, mkt. tn., Wilts, Eng. ; cheese ; p. 5,125. 51.28 N., 2.06 W.
Chipping Norton, mkt. tn., Oxfd., Eng. ; gloves ; p. 3,920. 51.54 N., 1.36 W.
Chiquimula, tn., isthmus, Guatemala ; p. 6,500. 14.52 N., 90.04 W.
Chiquinquira, tn., Colombia ; p. 18,000. 5.50 N., 74.52 W.
Chiriqui, riv., lagoon, prov., Colombia. 9.15 N., 82.05 W.
Chiswick, par. tn., Mddlx., Eng. ; p. 32,000. 51.29 N., 0.17 W.
Chita, cap. Transbaikalia, on C. riv. ; p. 16,627. 52.02 N., 113.37 E.
Chitral, small state, riv., N.W. India ; p. 200,000. 36.05 N., 72.15 E.
Chittagong, spt., E. Bengal and Assam ; p. 23,500. 22.21 N., 91.50 E.
Cholet, tn., Maine-et-Loire, France ; p. 19,750. 47.03 N., 0.51 W.
Cholon, tn., Fr. Cochin China, near Saigon ; p. 130,000. 10.43 N., 106.42 E.
Chonos Arch., Chilian group, S. America. 45.00 S., 74.00 W.
Chorley, tn., Lancs., Eng. ; cotton-yarn ; p. 27,200. 53.38 N., 2.38 W.

Chota Nagpur, div., Bengal, India ; p. 6,000,000. 23.30 N., 85.00 E.
Christchurch, spt., Hants, Eng. ; p. 4,350. 50.44 N., 1.47 W.
Christchurch, cap. Canterbury, N.Z. ; p. 78,605. 43.33 S., 172.40 E.
Christiania, spt., cap. Norway ; cath., univ. ; p. 228,000. 59.54 N., 10.48 E.
Christiansand, spt. cy., Norway ; cathedral ; p. 14,800. 58.08 N., 7.55 E.
Christianstad (Kristianstad), tn., Sweden ; p. 11,388. 56.01 N., 14. 09 E.
Christianstadt, cap. Santa Cruz, D.W. Ind. ; p. 5,500. 17.46 N., 64.45 W.
Christiansund, spt., Norway ; fish ; p. 12,750. 63.07 N., 7.46 E.
Christmas I., Br. isl., Pacific ; guano ; p. 100. 1.42 N., 158. 18 W.
Christmas I., Br. isl., Indian Ocean ; p. 1,180. 10.30 S., 106.00 E.
Chrudim, tn., Bohemia, Austria ; sugar ; p. 13,500. 49.58 N., 15.47 E.
Chubut, Welsh col., Patagonia ; p. 4,000. 43.00 S., 69.00 W.
Chudleigh, cape, N. coast of Labrador. 60.25 N., 65.00 W.
Chungking, treaty port, Szechwan, China ; p. 610,000. 29.30 N., 106.36 E.
Chuquisaca (Sucre), cap. Bolivia, S. America ; p. 23,416. 19.03 S., 64.25 W.
Chur (Coire), cap. Grisons, Switz. ; cath. ; p. 11,750. 46.51 N., 9.31 E.
Churchill, riv., Canada, enters Hudson B. ; 1,000 m. 56.00 N., 101.30 W.
Chusan, isl., in C. arch., off E. China ; p. 250,000. 30.03 N., 122.06 E.
Cinefuegos, spt., Cuba ; sugar, cocoa ; p. 30,100. 22.11 N., 80.33 W.
Cincinnati, cy., Ohio, U.S. ; univ. ; mnfs. ; p. 345,230. 39.03 N., 84.24 W.
Cintra, tn., Portugal ; tourist resort ; p. 5,750. 38.56 N., 8.23 W.
Ciotat, La, spt., Bouches-du-Rhône, Fr. ; p. 11,875. 43.12 N., 5.36 E.
Cirencester, tn., Gloucs, Eng. ; wool, agric. ; p. 7,750. 51.42 N., 1.54 W.
Ciudad Bolivar, riv. port, cap. Bolivar, Venezuela ; p. 12,500. 8.08 N., 63.57 W.
Ciudad Real, cy., cap. C.R. prov., Spain ; p. 15,760. 38.59 N., 3.58 W.
Ciudad Rodrigo, fort cy., Spain ; cath. ; p. 8,355. 40.39 N., 6.26 W.
Ciudadela, spt., former cap. Minorca ; cath. ; p. 8,830. 40.00 N., 3.54 E.
Civita Vecchia, fort. spt., Italy ; arsenal ; p. 17,875. 42.06 N., 11.48 E.
Clackmannan, co, tn., Clackm., Scot. ; coal ; p. 1,575. 56.07 N., 3.45 W.
Clackmannanshire, co., Scot. ; a. 38 sq. m., p. 32,029. 56.08 N., 3.45 W.
Clacton-on-Sea, w. pl., Essex, Eng. ; p. 7,500. 51.48 N., 1.12 E.
Clare, marit. co., Ireland ; a. 1,294 sq. m., p. 112,335. 52.50 N., 9.00 W.
Clare I., isl., in Clew Bay, Mayo, Ireland. 53.48 N., 10.00 W.
Claycross, tn., Derby, Eng. ; coal, iron ; p. 8,520. 53.10 N., 1.26 W.
Clear, isl., cape, most S. pt. of Ireland. 51.26 N., 9.30 W.
Cleator Moor, tn., Cumb., Eng. ; coal ; p. 8,325. 54.30 N., 3.31 W.
Cleckheaton, tn., W.R. Yorks, Eng. ; mnfs. ; p. 12,855. 53.44 N., 1.43 W.
Cleethorpes, w. pl., Lincs., Eng. ; p. 12,846. 53.35 N., 0.02 W.
Clermont-Ferrand, cap. Puy-de-Dôme, Fr. ; p. 58,363. 45.46 N., 3.05 E.
Clevedon, w. pl., Somerset, Eng. ; p. 6,100. 51.26 N., 2.52 W.
Cleveland, mt. dist., N.R. Yorks., Eng. ; iron.ore. 54.30 N., 1.12 W.
Cleveland, cy., spt., Ohio, U.S. ; univ. ; p. 460,327. 41.29 N., 81.39 W.
Cleves, tn., Rhenish Prussia ; cigars ; p. 15,200. 51.47 N., 6.09 E.
Clew Bay, inlet, Mayo, Ireland ; 15 m. long. 53.50 N., 9.45 W.
Clichy, N.W. sub. Paris, France ; p. 41,787. 48.50 N., 2.20 E.
Clifden, spt., mkt. tn., Galway, Ire. ; p. 845. 53.30 N., 10.00 W.
Clifton, port of entry, Ontario, Canada ; p. 1,750. 43.07 N., 79.08 W.
Clinton, cy., Iowa, U.S. ; foundries ; p. 22,768. 41.50 N., 90.19 W.
Clinton, tn., Mass., U.S. ; mnfs. plains ; p. 13,960. 42.23 N., 7143 W.
Clitheroe, mkt. tn., Lancs., Eng. ; cotton ; p. 11,665. 53.53 N., 2.23 W.
Clogher, tn., Tyrone, Ire. ; cath., episc. palace ; p. 230. 54.25 N. 7.11 W.
Clonakilty, spt., Cork, Ire., on C. Bay ; p. 3,150. 51.37 N., 8.50 W.
Clones, tn., rly. centre, Monaghan, Ire. ; p. 2,100. 54.12 N., 7.14 W.
Clonfert, anc. episc. cy., Galway, Ire. ; p. 1,680. 53.15 N., 8.03 W.
Clonmel, tn., Tipperary, Ire. ; tanning ; p. 10,520. 52.22 N., 7.41 W.
Clontarf, w. pl., Dublin, Ireland ; p. 4,350. 53.17 N., 6.12 W.
Cloyne, anc. cy., Cork, Ire. ; 6th cent. cath. ; p. 839. 51.50 N., 8.10 W.
Clunes, township, Victoria ; gold mines ; p. 4,250. 37.08 S., 143.47 E.
Cluny, tn., Saône-et-Loire, Fr. ; abbey rns. ; p. 4,255. 46.26 N., 4.39 E.
Clwyd, riv., N. Wales, flows to Irish Sea ; 30 m. 53.10 N., 3.25 W.

Clyde, riv. Scot., navig. to Glasgow ; 106 m. 55.57 N., 4.40 W.
Clyde, Firth of, inlet, Scot. ; 64 m. long. 55.35 N., 4.55 W.
Clydebank, tn., Dumb., Scot. ; shpbldg. ; p. 22,000. 55.53 N., 4.28 W.
Coahuila, state, Mexico ; a. 64,000. sq. m., p. 296,940. 27.00 N., 102.00 W.
Coalbrookdale, dist., Salop, Eng. ; coal, iron. 52.39 N., 2.29 W.
Coalville, tn., Leics, Eng. ; coal mines ; p. 15,545. 52.43 N., 1.23 W.
Coatbridge, mnfg. tn., Lanark, Scot. ; p. 37,355. 55.52 N., 4.03 W.
Cobán, cap. Vera Paz, Guatemala ; p. 30,770. 15.29 N., 90.33 W.
Cobija, spt., Chile ; on a shallow open bay. 22.28 S., 70.14 W.
Coblenz, fort. cy., cap. Rhenish Prussia ; p. 53,897. 50.21 N., 7.35 E.
Cobourg, port of entry, Ontario ; univ. ; p. 4,835. 43.58 N., 78.15 W.
Coburg, cap. C. duchy, Ger. ; castle ; brewing ; p. 22,488. 50.15 N., 10.59 E.
Coburg Pen, most N. pt. of Australia. 11.25 S., 132.15 E.
Coconada, spt., Madras, on B. of Bengal ; p. 48,200. 16.48 N., 82.13 E.
Cochabamba, cap. dep. C., Bolivia ; p. 24,512. 17.20 S., 65.45 W.
Cochin, native state, Madras, India ; p. 820,000. 10.30 N., 76.20 E.
Cochin, spt., Madras, on W. coast ; p. 18,500. 9.56 N., 76.15 E.
Cochin China, Fr. col., Indo-China ; p. 3,000,000. 15.00 N., 108.00 E.
Cockermouth, tn., Cumb., Eng. ; castle rns. ; p. 5,420. 54.40 N., 3.22 W.
Cocos (Keeling) Is., Br. group Indian Ocean ; p. 650. 12.05 S., 97.30 E.
Coggeshall, tn., Essex, Eng. ; mnfs. ; p. 2,600. 51.53 N., 0.42 E.
Cognac, tn., Charente, France ; wine ; p. 19,725. 45.41 N., 0.19 W.
Cohoes, mnfg. cy., New York, U.S. ; cotton ; p. 24,183. 42.50 N., 73.42 W.
Coimbatore, tn., Madras, Br. India ; p. 55,000. 10.58 N., 76.57 E.
Coimbra, cap. Beira, Portugal ; univ. ; p. 18,855. 40.13 N., 8.26 W.
Cojutepeque, tn., San Salvador, C. America ; p. 10,200. 13.48 N., 88.58 W.
Colberg, spt., w. pl., Pomerania, Prussia ; p. 20,555. 54.10 N., 15.32 E.
Colchester, anc. cy., port, Essex Eng. ; p. 38,755. 51.53 N., 0.24 E.
Colenso, tn., Natal, S. Africa ; battle 1899. 28.42 S., 29.50 E.
Coleraine, riv. port, Londonderry, Ire. ; linens ; p. 7,000. 55.08 N., 6.41 W.
Colesberg, tn., Cape of Good Hope ; battles 1899-1902. 30.34 S., 25.33 E.
Colima, volc. and cy., cap. C. state, Mexico ; p. 20,450. 19.12 N., 103.33 W.
Coll, isl., Hebrides, Scot. ; a. 30 sq. m., p. 440. 56.37 N., 6.31 W.
Collingwood, tn., Ontario ; factories ; p. 5,650. 44.30 N., 80.20 W.
Colmar, cap. Up. Alsace, Ger. ; cotton ; p. 37,000. 48.06 N., 7.19 E.
Colne, tn., Lancs., Eng. ; cotton goods ; p. 23,225. 53.53 N., 2.10 W.
Cologne, cy., port, cap. Rhenish Prussia ; p. 428,722. 50.56 N., 6.59 E.
Colombia, rep., S. Amer. ; a. 510,000 sq. m., p. 4,303,000. 3.00 N., 75.00 W.
Colombo, spt., cap. Ceylon ; fort, docks ; p. 158,500. 6.55 N., 79.53 E.
Colonia, cap. C. dep., Uruguay ; p. 1,550. 34.28 S., 57.51 W.
Colonna, cape, most S. pt. of Attica, Greece. 37.38 N., 24.01 E.
Colonsay, isl., Hebrides, Scot. ; a. 16 sq. m., p. 300. 56.04 N., 6.12 W.
Colorado, riv., N. America ; total length 2,000 m. 33.40 N., 114.25 W.
Colorado, riv., Texas, U.S. ; 900 m. long. 29.30 N. 96.15 W.
Colorado, state, U.S. ; a. 103,645 sq. m., p. 615,570. 39.00 N., 106.00 W.
Colorado Springs, w. pl., Col., U.S. ; p. 29,338. 38.48 N., 104.48 W.
Columbia, cap. S. Carolina U.S. univ. ; p. 24,564; 34.02 N. 80.57 W.
Columbia, bor., Penn., U.S. ; mnfs. ; p. 12,875. 40.02 N. 76.23 W.
Columbia, Dist. of, federal dist., U.S. ; p. 339,405. 38.55 N., 77.05 W.
Columbia (Oregon), riv., W. of N. America ; 1,400 m. 46.10 N., 123.00 W.
Columbus, cap. Ohio, U.S. ; rly. cent. ; mnfs. ; p. 145,414. 39.56 N., 82.56 W.
Columbus, cy., Georgia, U.S. ; cotton ; p. 20,000. 32.23 N., 84.59 W.
Colwyn Bay, w. pl., Denbigh, Wales ; p. 8,620. 53.18 N., 3.40 W.
Comacchio, fort. cy., Ferrara, Italy ; cath. ; p. 11,895. 44.42 N., 12.11 E.
Comayagua, cy., Honduras ; cathedral ; p. 10,250. 14.27 N., 87.30 W.
Comber, mkt. tn., Down, Ire. on C. riv. ; p. 2,105. 54.34 N., 5.46 W.
Comines, tn., Belgium and France ; p. 8,275. 50.40 N., 3.00 E.
Comiso, tn., Syracuse, Sicily ; p. 26,100. 36.57 N., 14.36 E.
Commentrey, tn., Allier, France ; coal ; p. 11,650. 46.15 N., 2.45 E.
Como, cy., Como, Italy ; cath. ; mnfs. ; p. 38,895. 45.48 N., 9.03 E.

Como. L. di, lake, N. Italy ; total length 30 m. 46.00 N., 9.15 E.
Comorin, cape, most S. pt. of the pen. of India. 8.04 N., 77.33 E.
Comoro Is., Fr. group, between Africa and Madagascar. 11.30 S., 43.30 E.
Compiègne, tn., Oise, France ; mnfs ; p. 16,752. 49.25 N., 2.50 E.
Concepcion, cap. C. prov., Chile ; cath. ; p. 55,330. 36.50 S., 73.10 W.
Concord, tn., Mass., U.S., near Boston ; p. 5,725. 42.11 N., 71.23 W.
Concord, cap. New Hamps., U.S. ; granite ; p. 21,210. 43.13 N., 71.33 W.
Concordia, spt., Argentina, on Uruguay R. ; p. 14,800. 31.32 S., 58.02 W.
Coney I., isl., w. pl., New York, U.S. ; p. 4,250. 40.30 N., 73.54 W.
Congleton, mkt. tn., Cheshire, Eng. ; silk ; p. 10,920. 53.10 N., 2.14 W.
Congo, equatorial riv., Cent. Africa ; 3,000 m. long. 6.00 S., 12.30 E.
Coniston, lake, N. Lancs., Eng. ; 5 m. by ½ m. 54.20 N., 3.05 W.
Conjevaram, holy cy., Madras, Br. India ; p. 46,000. 12.50 N., 79.44 E.
Conn, Lough, lake, Mayo, Ire. ; 13 m. long. 54.02 N., 9.15 W.
Connah's Quay, spt., Flint, Wales ; p. 3,415. 53.14 N., 3.03 W.
Connaught, W. prov., Ire. ; a. 6,863 sq. m., p. 646,932. 53.45 N., 9.00 W.
Connecticut, state, U.S. ; a. 4,990 sq. m., p. 1,005,716. 41.40 N., 72.40 W.
Connemara, wild dist., W. Galway, Ireland. 53.23 N., 9.30 W.
Consett, tn., Durham., Eng. ; iron, coal ; p. 9,720. 54.50 N., 1.50 W.
Constance, cy., Baden, Ger. ; cath. ; mnfs. ; p. 24,807. 47.39 N., 9.11 E.
Constance (Boden See), lake, between Switz. and Ger. 47.35 N., 9.25 E.
Constantia, wine dist., S. Africa, nr. Capetown. 34.03 S., 18.27 E.
Constantina, tn., Seville, Spain ; silver ; p. 11,850. 37.53 N., 5.40 W.
Constantine, cy., cap. E. Algeria ; mnfs ; p. 58,435. 36.20 N., 6.33 E.
Constantinople, spt., cap. Turkey ; docks ; p. 1,106,000. 41.00 N., 28.59 E.
Constanta, spt., Dobruja, Roumania ; p. 16,000. 44.12 N., 28.41 E.
Conway, spt., riv., Carn., Wales ; castle ; p. 4,721. 53.17 N., 3.50 W.
Cooch Behar, tn., Bengal ; silk, cotton ; p. 11,520. 26.19 N., 89.24 E.
Cook, Mount, peak, Southern Alps, South I., N.Z. 43.39 S., 170.13 E.
Cook (Hervey) Is., Br. group, S. Pacific ; p. 6,800. 20.45 S., 159.00 W.
Cook Strait, separates North and South Is., N.Z. 41.20 S., 174.30 E.
Cookstown, tn., Tyrone, Ireland ; linen ; p. 3,570. 54.39 N., 6.45 W.
Cooktown, spt., Queensland ; gold-mines ; p. 2,500. 15.30 S., 145.20 E.
Coolgardie, gold-mng. centre, W. Australia ; p. 2,830. 31.00 S., 121.10 E.
Coorg, prov., India ; a. 1,583 sq. m., p. 181,000. 12.15 N., 75.45 E.
Cootehill, tn., Cavan, Ireland ; p. 1,510. 54.04 N., 7.05 W.
Copenhagen, fort. spt., cap. Denmark ; univ. ; p. 514,134. 55.40 N., 12.35 E.
Copiapo, tn., cap. Atacama, Peru ; p. 10,500. 27.21 S., 70.32 W.
Coppermine, riv., N.W. Terr., Canada ; 250 m. long. 67.48 N., 115.31 W.
Coquimbo, spt., cap. C. prov., Chile ; cath. ; p. 16,000. 29.50 S., 71.20 W.
Coral Sea, between Australia and New Hebrides. 10.00 S., 150.00 E.
Corato, tn., Bari, Italy ; p. 41,575. 41.08 N., 16.25 E.
Corbeil, tn., Seine-et-Oise, Fr. ; watches ; p. 9,710. 48.36 N., 2.26 E.
Cordoba, cy., cap. C. prov., Argentine ; p. 53,000. 31.25 S., 64.11 W.
Cordoba, tn., Vera Cruz, Mexico ; p. 12,650. 18.42 N., 96.50 W.
Cordova, cy., cap. C. prov., Spain ; mnfs. ; p. 58,500. 37.51 N., 4.52 W.
Corentyn, riv., sep. Br. and Dutch Guiana, S. Amer. 5.40 N., 57.00 W.
Corfe Castle, vil., Dorset, Eng. ; cas. rns. ; p. 1,440. 50.37 N., 2.03 W.
Corfu, isl., Ionian Is., Greece ; olives ; p. 99,571. 39.35 N., 19.50 E.
Corfu, spt., cap. of above isl. ; archb. see ; p. 18,978. 39.27 N., 19.56 E.
Corinth, cy. Greece ; exports wheat ; p. 71,229. 37.55 N., 22.53 E.
Cork, marit, co., Ire. ; a. 2,890 sq. m., p. 404,611. 52.00 N., 8.30 W.
Cork, port, co. tn., Cork, Ire. ; butter ; p. 76,500. 51.53 N., 8.28 W.
Cork Harb., fine natural harb., Ireland. 51.50 N., 8.17 W.
Corning, co. cap., New York, U.S. ; foundries ; p. 13,515. 42.09 N., 77.06 W.
Cornwall, co., Eng. ; a. 1,357 sq. m., p. 322,550. 50.25 N., 4.45 W.
Cornwall, port of entry, Ontario ; woollens ; p. 7,050. 45,03 N., 74.48 W.
Coromandel Coast, part of E. coast Madras, India. 13.00 N., 80.00 E.
Corrèze, dep., France ; a. 2,265 sq. m., p. 317,430. 45.20 N., 1.45 E.
Corrib, Lough, lake, Galway and Mayo, Ireland. 53.25 N., 9.15 W.

Corrientes, cap. C. prov., Argentina ; p. 18,000. 27.29 S., 58.51 W.
Corry, cy., Penn., U.S. ; foundries ; p. 5,500. 41.56 N., 79.39 W.
Corsica, isl. dep., France, in Medit. Sea ; p. 291,160. 42.00 N., 9.00 E.
Cortona, fort. tn., Arezzo, Italy ; p. 29,750. 43.17 N., 11.59 E.
Corunna, fort. spt., cy., cap. C. prov., Spain ; p. 45,000. 43.23 N., 8.25 W.
Cosenza, cy., cap. C. prov., Italy ; cath. ; p. 21,200. 39.19 N., 16.17 E.
Cosne, tn., Nièvre, France ; iron mnfs. ; p. 8,720. 47.26 N., 2.58 E.
Costa Rica, repub., Cent. Am. ; a. 21,495 sq. m., p. 351,178. 10.00 N., 84.00 W.
Côte-d'Or, dep., France ; a. 3,383 sq. m., p. 357,960. 47.30 N., 4.40 E.
Cotentin, pen., N. France ; 59. m. long. 49.12 N., 1.30 W.
Côtes-du-Nord, dep., France ; a. 2,659 sq. m., p. 611,506. 48.25 N., 2.50 W.
Cotopaxi, vol., Ecuador, in the Andes ; 19,550 ft. 0.48 S., 78.00 W.
Cotrone, fort., tn., Catanzaro, Italy ; cath. ; p. 9,625. 39.08 N., 17.08 E.
Cotswold Hills, range, Gloucs., Eng. ; 50 m. long. 51.50 N., 2.05 W.
Council Bluffs, cy., Iowa, U.S. ; mnfs. ; p. 25,117. 41.18 N., 95.58 W.
Coupar Angus, tn., Forfar, Scot. ; linen ; p. 2,080. 56.33 N., 3.16 W.
Courbevoie, tn., Seine, France, on Seine R. ; p. 27,800. 48.50 N., 2.15 E.
Courland, prov., Russia ; a. 10,535 sq. m., p. 727,300. 56.35 N., 23.30 E.
Courtrai, tn. Belg., on Lys R. ; battle 1302 ; p. 34,977. 50.49 N., 3.15 E.
Coutances, tn., Manche, France ; cath. ; lace ; p. 6,999. 49,02 N., 1.26 W.
Coutras, tn., Gironde, France ; battle 1587 ; p. 4,150. 45.03 N., 0.06 W.
Coventry, cy., mfg. tn., Warwick, Eng. ; cycles ; p. 80,164. 52.26 N., 1.30 W.
Covilhao, tn., Beira, Portugal ; woollens ; p. 17,850. 40.17 N., 7.31 W.
Covington, cy., Kentucky, U.S. ; distilleries ; p. 46,436. 38.59 N., 84.28 W.
Cowbridge, tn., Glam., Wales ; grammar sch. ; p. 1,250. 51.28 N., 3.27 W.
Cowes, w. pl., I. of W. ; hdqrs. Roy. Yacht C. ; p. 8,750. 50.46 N., 1.17 W.
Cowpen, tn., Northumb., Eng. ; coal mines ; p. 17,940. 55.07 N., 1.33 W.
Cracow, cy., Galicia, Austria ; cloth, leather ; p. 92,000. 50.04 N., 19.56 E.
Cradock, tn., health res., C. of G. Hope ; wool ; p. 7,762. 32.11 S., 25.52 E.
Cranbrook, mkt., tn., Kent, Eng. ; hops ; p. 3,975. 51.06 N., 0.32 E.
Cranston, tn., Rhode I., U.S. ; calico ; p. 18,415. 41.44 N., 71.33 W.
Crecy (Cressy), vil., Somme, France ; battle 1346. 50.15 N., 1.52 E.
Crediton, tn., Devon, Eng. ; mnfs. shoes ; p. 4,050. 50.47 N., 3.39 W.
Creil, mnfg. tn., Oise, France ; porcelain ; p. 9,250. 49.15 N., 2.29 E.
Crete, isl., Mediterranean ; a. 3,326 sq. m., p. 310,200. 35.15 N., 25.00 E.
Creuse, dep., riv., France ; a. 2,150 sq. m., p. 274,094. 46.00 N., 2.00 E.
Creusot, Le, tn., Saône-et-Loir, Fr. ; ironwks. ; p. 31,000. 46.48 N., 4.26 E.
Crewe, tn., rly. cent., Cheshire, Eng. ; rly. wks. ; p. 42,250. 53.07 N., 2.27 W.
Crewkerne, mkt. tn., Somerset, Eng. ; mnfs. ; p. 4.280. 50.53 N., 2.48 W.
Criccieth, w. pl., Carnarvon, Wales ; p. 1,420. 52.56 N., 4.14 W.
Cricklade, mkt. tn., Wilts., Eng., on Thames R. ; p. 1,530. 51.38 N., 1.51 W.
Crieff, mkt. tn., w. pl., Perth, Scot. ; tanning ; p. 5,230. 56.22 N., 3.50 W.
Crimea, pen., Russia ; scene of Crimean War 1854. 45.20 N., 34.00 E.
Crinan Canal, Argyll, Scot. ; 9 m. long. 56.03 N., 5.30 W.
Croatia and Slavonia, prov., Hungary ; p. 2,417,000. 45.30 N., 18.00 E.
Croisic, Le, spt., Loire-Inférieure, France ; p. 2,455. 47.17 N., 2.30 W.
Cromarty, spt., tn., Ross and Crom., Scot. ; p. 1,260. 57.41 N., 4.00 W.
Cromer, w. pl., Norfolk, Eng. ; golf links ; p. 3,796. 52.56 N., 1.17 E.
Crosby, w. pl., Eng., near Liverpool ; p. 7,800. 53.27 N., 3.03 W.
Crowland, mkt. tn., Lincs, Eng. ; old abbey ch. ; p. 2,780. 52.42 N., 0.11 W.
Croydon, mkt. tn., Surrey, Eng. ; boots ; p. 161,079. 51.22 N., 0.06 W.
Csaba, tn., Bekes, Hungary ; p. 38,000. 46.41 N., 21.07 E.
Csongrad, cap. C. co., Hungary ; p. 27,400. 46,43 N., 20.09 E.
Cuba, isl. repub., W. Ind. ; a. 41,655 sq. m., p. 2,048,890. 22.00 N., 80.00 W.
Cuddalore, spt., cap. S. Arcot, India ; p. 53,000. 11.43 N., 79.46 E.
Cuenca, cy., C. prov., Spain ; woollens ; p. 10,500. 40.04 N., 2.12 W.
Cuenca, cy., Ecuador ; cathedral ; p. 30,000. 2.48 S., 78.51 W.
Cuernavaca, cap. Morelos, Mexico ; p. 17,000. 18.50 N., 99.10 W.
Cuevas de Vera, tn., Almeria, Spain ; silver ; p. 21,000. 37.17 N., 1.58 W.
Cullen, spt., Banff, Scot. ; fisheries ; p. 1,950. 57.41 N., 2.49 W.

Cullera, spt., Valencia, Spain ; p. 12,100. 39.10 N., 0.15 W.
Culloden, moor, Inverness, Scot. ; battle 1746. 57.30 N., 4.05 W.
Cumaná, tn., Venezuela, on N. coast ; p. 12,225. 10.23 N., 64.20 W.
Cumberland, co., Eng. ; a. 1,516 sq. m., p. 267,500. 54.45 N., 3.00 W.
Cumberland, riv., Ken. and Tenn., U.S. ; 650 m. 36.50 N., 88.00 W.
Cumberland, cy., Maryland, U.S. ; mnfs. ; p. 20,647. 39.37 N., 78.43 W.
Cumberland, tn., Rhode I., U.S. ; coal ; p. 9,005. 41.57 N., 71.25 W.
Cumbrae, Gt. and Lit., two isls., Bute, Scot. ; p. 1,800. 55.46 N., 4.55 W.
Cumnock, Old and New, two tns., Ayr, Scot. ; p. 4,800. 55.24 N., 4.11 W.
Cunene (Kunene), riv., Port. W. Africa ; 600 m. long. 17.20 S., 11.54 E.
Cuneo, cap. C. prov., Italy ; cathedral ; p. 27,065. 44.23 N., 7.32 E.
Cupar, co. tn., Fife, Scot. ; trade in corn ; p. 6,795. 56.19 N., 3.01 W.
Curaçao, chf. isl., D.W. Indies ; salt ; p. 30,883. 12.10 N., 69.00 W.
Curico, cap. C. dep., Chile, S. Amer. ; p. 17,573. 35.00 S., 71.23 W.
Curragh, great plain, Ire. ; race-course, mil. camp. 53.08 N., 6.50 W.
Cutch, isl., native state, Bombay ; p. 488,100. 23.20 N., 69.20 E.
Cuttack, tn., Bengal, Br. India ; filigree ; p. 51,850. 20.28 N., 85.53 E.
Cuxhaven, fort. tn., Ger. ; outport of Hamburg ; p. 6,925. 53.52 N., 8.41 E.
Cuyaba, cap. Matto Grosso, Brazil ; p. 18,000. 15.36 S., 56.00 W.
Cuzco, cy., Peru ; cathedral, univ. ; p. 14,000. 13.30 S., 72.04 W.
Cyclades, isl. group, Greece ; a. 923 sq. m., p. 130,378. 37.00 N., 25.00 E.
Cyprus, Brit. isl., Mediterranean ; sponge ; p. 258,990. 35.00 N., 33.20 E.
Czegled, mkt. tn., Hungary ; p. 30,855. 47.10 N., 19.50 E.
Czenstochowa, tn., Russian Poland ; p. 53,650. 50.49 N., 19.03 E.
Czernowitz, cap. Bukovina, Austria ; p. 70,000. 48.17 N. 25.57 E.

Dacca, mnfg. cy., cap. E. Bengal and Assam ; p. 91,200. 23.45 N., 90.23 E.
Daghestan, terr., Caucasia, Russia ; p. 626,500. 42.23 N., 46.30 E.
Dago, Russ. isl., at entr. of G. of Finland ; p. 15,250. 58.50 N., 22.35 E.
Dagupan, comm. tn., Luzon, Philippines ; p. 20,500. 15.59 N., 120.18 E.
Dahomé, Fr. terr., W. Africa ; a. 65,000 sq. m., p. 749,000. 7.25 N., 1.30 E.
Dakar, fort. spt., Fr. Senegal, W. Africa ; p. 24,850. 14.42 N., 17.30 W.
Dalbeattie, tn., Kirkcudbright, Scot. ; p. 3,469. 54.57 N., 3.48 W.
Dalkeith, mkt. tn., Edinburgh, Scot. ; corn exch. ; p. 6,850. 55.54 N., 3.04 W.
Dalkey, w. pl., Dublin, Ireland ; p. 3,395. 53.17 N., 6.07 W.
Dallas, cap. of co., Texas, U.S. ; flour mills ; p. 52,793. 32.46 N., 96.31 W.
Dalmatia, prov., Austria ; a. 4,940 sq. m., p. 591,597. 43.50 N., 16.10 E.
Dalny (Dairen), spt., Liao-tung, Manchuria ; p. 50,000. 38.50 N., 121.35 E.
Dalry, tn., Ayr., Scot. ; ironworks ; p. 5,335. 55.43 N., 4.43 W.
Dalton-in-Furness, tn., Lancs., Eng. ; malting ; p. 13,125. 54.09 N., 3.12 W.
Daman, Port, terr., pt., Gujarat, India ; tn., p. 12,780. 20.23 N., 72.32 E
Damanhour, tn., Egypt ; cotton ginning mills ; p. 38,752. 31.00 N., 30.30 E.
Damaraland, terr., Ger. S.W. Africa ; p. 130,000. 20.25 S., 17.00 E.
Damascus, cap. Syria ; caravan trade ; p. 260,000. 33.31 N., 36.14 E.
Damietta, spt. tn., Egypt ; cotton, silk ; p. 29,354. 31.23 N., 31.48 E.
Dampier Arch., isls., off N.W. coast W. Australia. 20.30 S., 116.30 E.
Dampier Strait, chan., Malay Arch. ; 70 m. long. 0.25 S., 131.00 E.
Danbury, cy., Conn., U.S. ; mnfs. hats ; p. 16,537. 41,23 N., 73.30 W.
Danube, second largest riv. in Europe ; 1,800 m. long. 47.00 N., 19.00 E.
Danville, cap. of co., Ill., U.S. ; rly. junc. ; p. 21,794. 40.06 N., 87.38 W.
Danville, cy., Virginia, U.S. ; cotton mills ; p. 17,972. 36.36 N., 79.17 W.
Danzig, cy., spt., W. Prussia ; shipbldg. ; p. 159,648. 54.22 N., 18.39 E.
Dapsang, mt., Karakoram rge., Himalayas : 28,700 ft. 36.06 N., 76.24 E.
Darbhanga, tn., Bengal, Br. India ; bazaars ; p. 66,500. 26.06 N., 86.00 E.
Dardanelles, channel, betw. Eur. and Asia ; 40 m. 40.15 N., 26.30 E.
Dar-es-Sàlaam, spt., Ger. E. Africa ; p. 24,000. 6.54 S., 30.12 E.
Darfur, ctry., E. Sudan ; a. 170,000 sq. m., p. 4,000,000. 13.00 N., 25.00 E.
Dariel, defile in Caucasus Mts., Russia. 42.43 N., 44.41 E.
Darien, former name of Isthmus of Panama. 9.00 N., 89.00 W.

Darjeeling, tn., hill sta., Bengal ; sanatorium ; p. 14,450. 27.03 N., 88.18 E.
Darlaston, tn., Staffs, Eng. ; ironworks ; p. 15,450. 52.35 N., 2.02 W.
Darling, riv., Australia, trib. of Murray ; 1,160 m. 31.30 S., 143.17 E.
Darlington, tn., Durham, Eng. ; Iron, steel ; p. 44,750. 54.32 N., 1.34 W.
Darmstadt, cap. Hesse D., Ger. ; machinery ; p. 83,123. 49.52 N., 8.38 E.
Dartford, mkt. tn., Kent, Eng. ; mills ; p. 18,700. 51.27 N., 0.12 E.
Dartmoor, hilly dist., Devon, Eng. ; minerals. 50.35 N., 4.00 W.
Dartmouth, spt., Devon, Eng. ; coaling sta. ; p. 6,600. 50.22 N., 3.34 W.
Darwen, mkt. tn., Lancs., Eng. ; cotton, paper ; p. 38,500. 53.45 N., 2.28 W.
Datia, cap. D. state, Cent. India ; p. 24,250. 25.39 N., 78.26 E.
Dauphiné, old prov., S. E. France ; cap. was Grenoble. 45.00 N., 5.30 E.
Davenport, cap. of co., Iowa, U.S. ; mnfs. ; p. 40,706. 41.29 N., 90.42 W.
Daventry, mkt. tn., Northants, Eng. ; p. 3,800. 52.16 N., 1.10 W.
Davis Strait, chan., between Baffin B. and Atlantic. 67.00 N., 58.00 W.
Davos, Alpine health res., Grisons, Switzerland. 46.48 N., 9.50 E.
Dawley, tn., Salop, Eng. ; iron, coal ; p. 7,550. 52.44 N., 2.28 W.
Dawlish, w. pl., Devon, Eng. ; p. 4,025. 50.36 N., 3.28 W.
Dawson, cap. Yukon, Canada ; gold ; p. 12,000. 64.10 N., 139.05 W.
Dax, tn., Landes, France ; sulphur sprs. ; p. 10,465. 43.42 N., 1.03 W.
Dayton, cap. of co., Ohio. U.S. ; rly. centre ; p. 100,799. 39.41 N., 84.34 W.
Dead Sea, salt lake, S. Palestine ; 46 m. long. 31.30 N., 35.30 E.
Deal, spt., w. pl., Kent, Eng. ; boatbldg. ; p. 10,750. 51.13 N., 1.24 E.
Dean, Forest of, Gloucs., Eng. ; coal, iron mines. 51.48 N., 2.32 W.
Debreczon, cap. of prov., Hungary ; large tr. ; p. 72,700. 47.33 N., 21.38 E.
Decatur, cap. of co., Ill., U.S. ; woollens ; p. 24,727. 39.51 N., 88.55 W.
Decazeville, tn., Aveyron, France ; coal, iron ; p. 11,780. 44.35 N., 2.16 E.
Deccan, country and plateau, Southern India. 14.00 N., 77.00 E.
Dee, riv., Eng., and Wales, enters Irish Sea ; 90 m. 53.17 N., 3.08 W.
Dee, riv., Aberdeen and Kincardine, Scot., ; 87 m. 57.08 N., 2.05 W.
Dehra, tn., United Provs., Br. India ; p. 25,890. 30.18 N., 78.01 E.
Deir-el Kamr, tn., Syria ; frmr. cap. of Druses ; p. 8,000. 33.43 N., 35.34 E.
Delagoa Bay, natural harb., Port E. Africa. 26.10 S., 32.45 E.
Delaware, state, U.S. ; a. 1,960 sq. m., p. 197,000. 39.00 N., 75.35 W.
Delaware, cap. D. co., Ohio, U.S. ; univ. ; p. 8,125. 40.15 N., 83.02 W.
Delfshaven, tn., Holland, now part of Rotterdam. 51.54 N., 4.28 E.
Delft, anc. tn., spt., S. Holland ; arsenal ; p. 33,957. 52.01 N., 4.22 E.
Delhi, chief cy., Punjab, Br. India ; filigree ; p. 209,000. 28.37 N., 77.12 E.
Dellys, spt., Algeria, 50 m. E. of Algiers ; p. 4,000. 36.49 N., 3.50 E.
Delos, isl., Cyclades, Grecian Archipelago. 37.23 N., 25.17 E.
Demavend, Mount, extinct vol., Persia ; 18,600 ft. 36.00 N., 52.06 E.
Demerara, riv., Br. Guiana ; flows N. for 200 m. 6.48 N., 58.10 W.
Demmin, tn., Pomerania, Prussia ; p. 12,550. 53.54 N., 13.01 E.
Denain, tn., Nord, France ; coal, iron ; p. 23,500. 50.25 N., 3.22 E.
Denbigh, co. tn., Denbigh, Wales ; shoes ; p. 6,478. 53.12 N., 3.25 W.
Denbighshire, co., N. Wales ; a. 603 sq. m., p. 130,500. 53.07 N., 3.30 W.
Dendermonde, fort. tn., Belgium ; cotton yarn ; p. 10,500. 51.02 N., 4.06 E.
Denia, spt., Alicanté, Spain ; fruit trade ; p. 12,000. 38.53 N., 0.05 E.
Deniliquin, tn., Riverina, New S. Wales ; p. 2,750. 35.33 S., 145.06 E.
Denison, cy., Texas, U.S. ; cotton, flour ; p. 12,317. 33.45 N., 96.35 W.
Denmark, kingdom, Europe ; a. 13,289 sq. m., p. 2,605,268. 55.30 N., 8.30 E.
Dent du Midi, mt., Valais, Switz. ; 10,450 ft. 46.10 N., 6.57 E.
D'Entrecasteaux Is., Br. grp., S.E. of New Guinea. 9.40 S., 150.30 E.
Denver, cap. Clrado., U.S. ; ironwks. ; univ. ; p. 151,220. 39.40 N., 105.05 W.
Deptford, parl. bor., S.E. London ; p. 110,800. 51.29 N., 0.02 E.
Dera Ghazi Khan, cap. of dist., Punjab ; p. 24,000. 30.05 N., 70.52 E.
Dera Ismail Khan, cap. of dist., Punjab ; p. 32,200. 31.49 N., 70.52 E.
Derbent, spt., cap. Daghestan, Russia ; p. 14,920. 42.02 N., 48.15 E.
Derby, co. tn., Derby, Eng. ; locom. works ; p. 129,411. 52.56 N., 1.29 W.
Derbyshire, co., Eng. ; a. 1,029 sq. m., p. 620,850. 53.05 N., 1.30 W.
Derg, Lough, lake, Ire. ; expansion of Shannon R. 52.55 N., 8.20 W.

Derwent, riv., Derby. Eng. ; trib. of Trent ; 60 m. 53.10 N., 1.37 W.
Derwent, riv., Yorks, Eng. ; trib. of Ouse ; 57 m. 54.12 N., 0.35 W.
Derwent, chief riv., Tasmania ; 130 m. long. 42.45 S., 147.15 E.
Derwentwater, lake, Cumb., Eng. ; 3 m. by 1 m. 54.35 N., 3.09 W.
Des Moines, cap. of Iowa, U.S. ; univ. ; mnfs. ; p. 78,323. 41.38 N., 93.39 W.
Des Moines, riv., Minn. and Iowa, U.S. ; 450. m. 41.30 N., 93.20 W.
Desirade, Fr. isl., W. Indies; a. 10 sq. m., p. 1,600. 16.20 N., 61.02 W.
Dessau, cap. Anhalt, Ger. ; ducal palace ; p. 55,560. 51.50 N., 12.13 E.
Desterro, spt., cap. Santa Catharina, Brazil ; p. 30,750. 27.36 S., 48.27 W.
Detmold, cap. Lippe, Ger. ; tobacco ; p. 13,272. 51.55 N., 8.52 E.
Detroit, prt. of entry, cap. Mich., U.S. ; p. 353,535. 42.21 N., 83.05 W.
Detroit River, chan., Mich., U.S. ; 27 m. long. 42.17 N., 83.06 W.
Dettingen, vil., Bavaria ; battle 1743. 50.02 N., 9.01 E.
Deutschbrod, tn., Bohemia, Austria ; p. 6,850. 49.37 N., 15.35 E.
Deux-Sèvres, dep., France ; a. 2,315 sq. m., p. 339,466. 46.30 N., 0.20 W.
Deventer, cy., Holland ; cath. ; iron mnfs. ; p. 28,043. 52.15 N., 6.09 E.
Deveron, salmon riv., Aberdeen Scot. ; 60 m. 57.35 N., 2.30 W.
Devizes, tn., Wilts., Eng. ; snuff ; p. 6.560. 51.22 N., 1.59 W.
Devonport, spt., mkt. tn., Devon, Eng. ; docks ; p. 83,103. 50.23 N., 4.11 W
Devonshire, co., Eng. ; a. 2,605 sq. m., p. 662,000. 50.45 N., 3.50 W.
Dewsbury, mnfg. tn., W.R. Yorks, Eng. ; p. 28,350. 53.42 N., 1.38 W.
Dharwar, tn., Bombay ; timber, cotton ; p. 31,500. 15.26 N., 75.02 W.
Dhaulagiri, mt., Himalayas ; 26,826 ft. 29.12 N., 82.57 E.
Diablerets, mt., Bernese Alps, Switz. ; 10,651 ft. 46.19 N., 7.13 E.
Diamantina, cy., Brazil ; diamond mines ; p. 14,000. 18.18 S., 43.20 W.
Diarbekir, walled tn., Asiatic Turkey ; p. 34,000. 37.56 N., 40.09 E.
Diedenholen (Thionville), tn., Lorraine, Ger. ; p. 10,500. 49.21 N., 6.09 E.
Diego Garcia, Br. isl., Indian Ocean ; p. 530. 7.00 S., 72.30 E.
Dieppe, spt., Seine-Inf., France ; packet sta. ; p. 22,940. 49.56 N., 1.05 E.
Digby, spt., Nova Scotia ; pilchards ; p. 1,970. 44.36 N., 65.43 W.
Dijon, fort. tn., cap. Côte d'Or, France ; univ. ; p. 74,113. 47.21 N., 5.02 E.
Dillingen, tn., Bavaria ; castle ; p. 6,120. 48.34 N., 10.30 E.
Dinan, old walled tn., Côtes-du-Nord, Fr. ; p. 10,730. 48.27 N., 2.02 W.
Dinant, tn., Namur, Belgium ; cotton ; p. 7,578. 50.16 N., 4.55 E.
Dinapur, mil. hdqrs., Patna, Bengal ; p. 34,200. 25.37 N., 85.01 E.
Dinard, w. pl., Ille-et-Vilaine, France, p. 4,810. 48.35 N. 2.10 W.
Dinaric Alps, range between Bosnia and Dalmatia. 43.50 N., 16.40 E.
Dingle, spt., Kerry, Ire., on D. bay ; p. 1,795. 52.08 N., 10.15 W.
Dingwall, co. tn., Ross, Scot., on Cromarty F. ; p. 2,530. 57.36 N., 4.27 W.
Dirk Hartog, isl., off W. coast Australia ; 40 m. long. 25.47 S., 113.00 E.
Dirschau, tn., W. Prussia ; rly. works ; p. 13,100. 54.06 N., 18.45 E.
Disco, isl. off W. coast Greenland ; 90 m. long. 69.11 N., 53.20 W.
Dismal Swamp, morass, Virg. and N. Car., U.S. 36.38 N., 76.20 W.
Diu, Port, spt., isl., Kathiawar, Bombay ; p. 14,600. 20.43 N., 70.48 E.
Dixon Entrance, chan., N. America ; 100 m. by 40 m. 54.32 N., 132.30 W.
Dizful, tn., Persia ; trade centre ; p. 30,000. 32.11 N., 48.35 E.
Dnieper, riv., Russia, flows to Black Sea ; 1,334 m. 46.40 N., 33.00 E.
Dniester, riv., Russia and Austria ; 853 m. 46.08 N., 30.30 E.
Doberan, w. pl., Mecklenburg Schwerin, Ger. ; p. 5,120. 54.06 N., 11.53 E.
Dobruja, alluvial plain, S.E. Roumania ; p. 250,000. 44.35 N., 28.20 E.
Dogger Bank, sandbank, North Sea ; 170 m. long. 55.10 N., 2.50 E.
Dôle, tn., Jura, France ; cathedral ; p. 14,750. 47.07 N., 5.30 E.
Dolgelly, co. tn., Merioneth, Wales ; tourist res. ; p. 2,460. 52.44 N., 3.53 W.
Dollar, tn., Clackmannan, Scot. ; p. 1,640. 56.10 N., 3.40 W.
Dollart, The, gulf, German Ocean ; 8 m. by 7 m. 53.17 N., 7.10 E.
Dolomites, mts., Austria, div. of E. Alps ; 11,460 ft. 46.30 N., 11.42 E.
Dominica, lgst. Br. isl., Leewd. Is. W. Ind. ; p. 29,000. 15.30 N., 61.20 W.
Don, riv., Aberdeen, Scot. ; salmon ; 70 m. 57.11 N., 2.06 W.
Don, riv., Russia ; enters S. of Azov ; 1,130 m. 47.00 N., 39.17 E.
Don Benito, tn., Badajoz, Spain ; p. 16,780. 38.55 N., 5.51 W.

Don Cossacks, gov., Russia ; a. 63,530 sq. m., p. 3¼ mil. 48.00 N., 39.30 E.
Donaghadee, spt., Down, Ireland ; p. 2,085. 54.38 N., 5.32 W.
Donauwörth, tn., Bavaria ; battle 1805 ; p. 4,420. 48.43 N., 10.46 E.
Doncaster, mkt. tn., W.R. Yorks, Eng. ; p. 29,100. 53.32 N., 1.08 W.
Donegal, spt. tn., Donegal, Ire. ; farm prod. ; p. 1,225. 54.39 N., 8.06 W.
Donegal, marit. co., Ire. ; a. 1,870 sq. m., p. 173,722. 54.55 N., 8.00 W.
Dongola, Old and New, two tns., Nubia ; p. 10,500. 18.10 N., 30.50 E.
Donnybrook, sub. of Dublin, Ire. ; former fair. 53.19 N., 6.14 W.
Doon, riv., lake, Ayr, Scot. ; riv. 30 m. long. 55.23 N., 4.35 W.
Dorchester, co. tn., Dorset, Eng. ; brewing ; p. 9,520. 50.43 N., 2.27 W.
Dordogne, dep., riv., France ; a. 3,530 sq. m., p. 447,052. 45.05 N., 0.40 E.
Dordrecht (Dort), tn., S. Holland ; harbour ; p. 45,723. 51,49 N., 4.41 E.
Dorking, mkt. tn., Surrey, Eng. ; lime ; p. 7,710. 51.14 N., 0.20 W.
Dornoch, co. tn., spt., Sutherland, Scot. ; cath. ; p. 625. 57.53 N., 4.02 W.
Dorpat (Yurief), tn., Livonia, Russia ; univ. ; p. 42,308. 58.17 N., 26.47 E.
Dorsetshire, co., Eng. ; a. 988 sq. m., p. 203,150. 50.50 N., 2.15 W.
Dortmund, cap. Westphalia, Pruss. ; coal ; p. 175,577. 51.31 N., 7.28 E.
Douarnenez, spt., Finistère, Fr. ; sardines ; p. 12,920. 48.06 N., 4.16 W.
Douay, tn., Nord, France ; arsenal ; p. 33,780. 50.22 N., 3.04 E.
Doubs, dep., riv., France ; 2,010 sq. m., p. 298,438. 47.10 N., 6.25 E.
Douglas, spt., w. pl., cap. I. of Man ; fisheries ; p. 19,780. 54.09 N., 4.29 W.
Douro, large riv., Spain and Portugal ; 490 m. long. 41.07 N., 8.37 W.
Dover, spt., w. pl., Kent, Eng. ; packet sta. ; p. 41,855. 51.07 N., 1.18 E.
Dover, oldest cy., N. Hpshre. U.S. ; mnfs. ; p. 13,459. 43.10 N., 70.59 W.
Dover, Strait of, chan. between Eng. and France. 50.50 N., 1.20 E.
Dovercourt, w. pl., Essex, Eng. ; p. 4,000. 51.50 N., 1.17 E.
Dovre Field, mtnous. plateau, Norway ; 3,600 ft. 62.25 N., 9.20 E.
Down, marit. co., Ire. ; a. 957 sq. m., p. 205,889. 54.20 N., 6.00 W.
Downpatrick, spt., cap. Down, Ire. ; mnfs. ; p. 3,000. 54.20 N., 5.43 W
Downs, N. and S., two broad ridges, S.E. England. 50.52 N., 2.25 W
Downs, The, roadstead, off E. coast Kent, Eng. 51.15 N., 1.28 W.
Drachenfels, pk., Siebengebirge, Prussia ; 1,056 ft. 50.40 N., 7.13 E.
Drakensberg, mt. range, S. Africa ; pk. 11,000 ft. 25.00 S., 30.30 E.
Drammen, spt., Norway ; sawmills ; p. 23,093. 59.47 N., 10.13 E.
Drave, riv., Austria and Hungary ; 447 m. 45.32 N., 18.45 E.
Drenthe, prov., Holland ; a. 1,030 sq. m., p. 172,892. 52.50 N., 6.35 E.
Dresden, cap. Saxony, Ger. ; porcelain ; p. 516,996. 51.03 N., 13.45 E.
Dreux, tn., Eure-et-Loir, France ; p. 9.725. 48.44 N., 1.22 E.
Driffield, Great, mkt. tn., E.R. Yorks, Eng. ; p. 5,800. 54.00 N., 0.26 W.
Drogheda, spt., Louth, Ire. ; linen ; p. 12,765. 53.43 N., 6.21 W.
Droitwich, mkt. tn., Worcs, Eng. ; salt baths ; p. 4,227. 52.16 N., 2.09 W.
Drome, dep., France ; a. 2,508 sq. m., p. 297,270. 44.40 N., 5.10 E.
Dromore, tn., Down, Ire. ; cath. ; linen ; p. 2,319. 54.25 N., 6.09 W.
Dublin, marit. co., Ire ; a. 354 sq. m., p. 157,568. 53.22 N., 6.15 W.
Dublin, spt., cap. Ire. ; cathedrals, univ. ; p. 398,356. 53.21 N., 6.16 W.
Dubovka, tn., Saratof, Russia ; p. 16,395. 49.08 N., 44.48 E.
Dubuque, cy., Iowa, U.S. ; caths. ; mnfs. ; p. 43,070. 42.31 N., 90.41 W.
Dudley, min. and mnfg. tn., Worcs, Eng. ; p. 50,678. 52.31 N., 2.05 W.
Duisburg, tn., Rhenish Prussia ; coal ; p. 192,346. 51.26 N., 6.45 E.
Dulcigno, fort. spt., Montenegro, p. 5,000. 41.54 N., 19.12 E.
Duluth, cy., port, Minn., U.S. ; lge. trade ; p. 67,337. 46.48 N., 92.06 W.
Dumbarton, co. tn., Dmbrtn., Scot. ; shpbdg. ; p. 20,220. 55.57 N., 4.34 W.
Dumbartonshire, co., Scot. ; a. 270 sq. m., p. 113,865. 56.00 N., 4.40 W.
Dumfries, co. tn., Dumfries, Scot. ; tweeds ; p. 14,475. 55.04 N., 3.36 W.
Dumfriesshire, co., Scot. ; a. 1,103 sq. m., p. 72,571. 55.10 N., 3.30 W.
Duna (W. Dwina), imp. riv., Russia ; 625 m. long. 56.32 N., 25.30 E.
Dunbar, spt. tn., Haddington, Scot. ; fishing ; p. 3,596. 55.59 N., 2.31 W.
Dunblane, mkt. tn., tourist res., Perth, Scot. ; p. 2,535. 56.12 N., 3.57 W.
Duncansby Head, N.E. pt. of Caithness, Scotland. 58.39 N., 3.01 W.
Dundalk, spt., cap. Louth, Ireland ; salt ; p. 13,150. 54.00 N., 6.24 W.

Dundee, cy., Forfar, Scot.; linen fabs.; p. 169,409. 56.28 N., 2.58 W.
Dunedin, chf. com. cy., N. Zeald. on South I.; p. 62,584. 45.54 S., 170.30 E.
Dunfermline, cy., Fife, Scot.; damask linen; p. 25,375. 56.06 N., 3.24 W.
Dungannon, tn., Tyrone, Ire.; earthenware; p. 3,715. 54.30 N., 6.48 W.
Dungarvan, spt., Waterford, Ire.; fishing; p. 4,860. 52.06 N., 7.42 W.
Dungeness, headland, S. coast Kent, England. 50.54 N., 0.54 E.
Dunkeld, cy., Perth, Scot.; cathedral; p. 595. 56.36 N., 3.37 W.
Dunkirk, most N. spt., Nord, France; p. 38,287. 51.00 N., 2.18 E.
Dunkirk, port, New York, U.S., on L. Erie; p. 15,250. 42.29 N., 79.20 W.
Dunmore, tn., Penn., U.S.; coal mines; p. 12,795. 41.24 N., 75.37 W.
Dunmow, Gt. and Lit., mkt. tn., vil., Essex, Eng.; p. 3,000. 51.54 N., 0.24 E.
Dunoon, w. pl., Argyll, Scot., on F. of Clyde; p. 6,821. 55.55 N., 4.54 W.
Duns, mkt. tn., Berwick, Scot.; fine linen; p. 2,225. 55.48 N., 2.18 W.
Dunsinane, hill, Perth, in Sidlaw Hills; 1,012 ft. 56.26 N., 3.26 W.
Dunstable, tn., Bedford, Eng.; straw plait; p. 5,180. 51.54 N., 0.30 W.
Durance, riv., S.E. France, trib. of Rhone; 225 m. 44.30 N., 6.00 E.
Durango, cy., cap. D. state, Mexico; p. 31,450. 24.12 N., 105.13 W.
Durazzo, spt., Albania, on Adriatic; p. 5,620. 44.18 N., 19.30 E.
Durban, spt., Natal, on B. of Natal; p. 60,244. 29.53 S., 30.53 E.
Düren, mnfg. tn., Rhenish Prussia; p. 27,250. 50.47 N., 6.30 E.
Durham, marit. co., Eng.; a. 1,011 sq. m., p. 1,190,000. 50.45 N., 1.45 W.
Durham, cy., co. tn., Durham, Eng.; cath.; p. 14,720. 54.47 N., 1.35 W.
Düsseldorf, tn., Rhenish Prussia; cotton; p. 253,274. 51.13 N., 6.40 E.
Dutch Guiana, col., S. Amer.; a. 46,058 sq. m., p. 81,038. 5.00 N., 56.00 W.
Dvinsk (Dünaburg), fort. tn., W. Russia; p. 69,675. 55.53 N., 26.27 E.
Dwarka, tn., Kathiawar, Bombay; temp.; p. 5,000. 22.15 N., 69.01 E.
Dwina, Northern, riv., Russia, enters White S.; 750 m. 56.20 N., 26.12 E.
Dysart, spt., Fife, Scot.; linen mnfs.; p. 3,575. 56.08 N., 3.07 W.

Eaglehawk, gold mining tn., Victoria, Aus.; p. 8,330. 36.50 S., 144.20 E.
Earlestown, tn., Lancs., Eng.; sugar, iron; p. 8,200. 53.27 N., 2.36 W.
Earlston (Ercildoune), mkt. tn., Berwick, Scot.; p. 1,060. 55.39 N., 2.40 W.
Earn, riv., loch, Perth, Scot.; riv. 46 m. long. 56.21 N., 3.30 W.
East Dereham, mkt. tn., Norfolk, Eng.; p. 5,560. 52.41 N., 0.57 E.
East Flanders, prov., Belg.; a. 1,158 sq. m., p. 1,030,000. 51.00 N., 3.45 E.
East Grinstead, tn., Sussex, Eng.; college; p. 6,100. 51.08 N., 0.01 W.
East Indies, comprise India, Indo China, Malay Arch., etc.
East Liverpool, cy., Ohio, U.S.; earthenware; p. 20,078. 40.40 N., 80.35 W.
East London, spt., C. of G. Hope; rly. term.; p. 25,220. 32.59 S., 27.52 E.
East Orange, mnfg. cy., New Jersey, U.S.; p. 25,910. 40.44 N., 74.11 E.
East Providence, tn., Rhode I., U.S.; p. 14,072. 41.51 N., 71.21 W.
East Prussia, prov., Prussia; a. 14,786 sq. m., p. 2,030,176. 54.30 N., 21.30 E.
East Retford, mkt., tn., Notts, Eng.; gram. sch.; p. 12,400. 53.18 N., 0.54 W.
East St. Louis, tn., Illinois, U.S.; p. 40,958. 38.38 N., 90.13 W.
East Turkestan, terr., Cent. Asia, W. of China; p. 600,000. 40.00 N., 85.00 E.
Eastbourne, w. pl., Sussex, Eng.; coastgd. stn.; p. 43,650. 50.46 N., 0.17 E.
Easter I., Chilian isl., Pacific Ocean; p. 1,125. 26.55 S., 109.20 W.
Eastern Bengal & Assam, prov., Br. India; p. 31,500,000. 26.00 N., 92.00 E.
Eastern Roumelia, div., Bulgaria; p. 1,174,535. 42.00 N., 26.00 E.
Easton, cap. of co., Penn., U.S.; large trade; p. 28,317. 40.43 N., 75.17 W.
Eau Claire, cap. of co., Wis., U.S.; lumber; p. 18,981. 44.48 N., 91.23 W.
Eaux-Bonnes, w. pl., B. Pyren., Fr.; sul. sprs.; p. 775. 42.56 N., 0.26 W.
Eaux-Chaudes, w. pl., B. Pyren., Fr.; sul. sprs.; p. 2,000. 42.57 N., 0.26 W.
Ebbw Vale, urb. dist., Mon., Eng.; iron, coal; p. 21,250. 51.48 N., 3.12 W.
Eberswalde, tn., Brandenburg, Prussia; p. 23,500. 52.50 N., 13.48 E.
Ebro, riv., N.E. Spain, 470 m. in length. 40.43 N., 0.53 E.
Eccles, tn., Lancs, Eng.; mnfs. cotton; p. 34,500. 53.28 N., 2.21 W.
Ecija, cy., Seville, Spain; mnfs; p. 24,400. 37.32 N., 5.09 W.
Ecuador, repub., S. Amer.; a. 118,650 sq. m., p. 1,272,000. 3.00 S., 76.30 W.

Eddystone, rock with lighthouse, English Channel. 50.11 N., 4.16 W.
Eden, riv., Cumb. and Westmld., Eng. ; 65 m. 54.57 N., 3.05 W.
Edgbaston, S.W. sub. Birmingham, Eng. ; p. 26,700. 52.28 N., 1.50 W.
Edgehill, hill ridge, Warwick, Eng. ; battle 1642. 52.06 N., 1.24 W.
Edinburgh, cap. of Scotland ; univ., castle ; p. 355,366. 55.57 N., 3.11 W.
Edinburgh, (Midlothian), co., Scot. ; a. 367 sq. m., p. 488,796. 55.52 N., 3.15 W.
Edmonton, cap. Alberta, Canada ; p. 24,882. 53.32 N., 113.05 W.
Eger, tn., riv., Bohemia, Austria ; weaving ; p. 23,780. 50.05 N., 12.22 E.
Egga, port, N. Nigeria, W. Africa ; p. 16,000. 8.33 N., 6.18 E.
Egremont, mkt. tn., Cumb., Eng. ; iron ore ; p. 5,785. 54.28 N., 3.32 W.
Egypt, country, N.E. Africa ; a. 400,000 sq. m., p. 10 mil. 27.00 N., 33.00 E.
Ehrenbreitstein, tn., fortress, Rhenish Prussia ; p. 5,350. 50.22 N., 7.38 E.
Eigg, isl., Hebrides, Scot. ; cattle rearing ; p. 215. 56.55 N., 6.13 W.
Eil, Sea loch, Argyll and Inverness, Scotland. 56.45 N., 5.09 W.
Eilenburg, mnfg. tn., Saxony, Prussia ; p. 15,250. 51.27 N., 12.37 E.
Einsiedeln, tn., Schwyz, Switz. ; pilgrimages ; p. 8,520. 47.07 N., 8.45 E.
Eisenach, tn., Saxe-Weimar, Ger. ; castle ; p. 35,153. 50.59 N., 10.19 E.
Eisleben, tn., Saxony, Prussia ; mining ; p. 24,000. 51.33 N., 11.33 E.
Ekaterinburg, fort. tn., Perm, Russia ; p. 43,240. 56.52 N., 60.42 E.
Ekaterinodar, tn., Kuban Terr., Russia ; p. 65,606. 45.03 N., 38.53 E.
Ekaterinoslav, cap. E. gov., Russia ; cath. ; p. 135,555. 48.28 N., 35.07 E.
Ekowe (Eshowe), cap. Zululand, S. Africa. 28.50 S., 31.30 E.
El Araish (Larache), spt., Morocco ; p. 5,000. 35.09 N., 6.04 W.
El Arish, tn., Egypt, on Mediterranean ; p. 17,000. 31.04 N., 33.45 E.
El Fasher, tn., E. Sudan, cap. of Darfur. 13.36 N., 25.24 E.
El Obeid, cap. Kordofan, N.E. Africa ; p. 35,000. 13.16 N., 29.48 E.
El Paso, cy., Texas, U.S. ; silver smelting ; p. 19,248. 31.45 N., 106.29 W.
El Paso del Norte, tn., Mexico, on Rio Grande ; 6,000. 31.35 N., 106.26 W.
Elba, Ital. isl., Mediterranean ; iron ; p. 24,500. 42.46 N., 10.15 E.
Elbe, imp. riv., Germany, enters North Sea ; 725 m. 53.54 N., 8.55 E.
Elberfeld, tn., Rhenish Prussia ; textiles ; p. 162,853. 51.15 N., 7.09 E.
Elbeuf, tn., Seine-Inf., France ; woollens ; p. 19,100. 49.17 N., 1.07 E.
Elbing, spt. tn., West Prussia ; shipbldg. ; p. 55,627. 54.10 N., 19.25 E.
Elbruz, mt., Caucasus, 18,530 ft., S. Russia. 43.00. N., 42.30 E.
Elburz, mt. range, Persia ; 450 m. in length. 36.40 N., 50.00 E.
Elché, tn., Alicante, Spain ; palm grove ; p. 27,475. 38.15 N., 0.41 W.
Elephanta, isl., Bombay Harb. ; cave temples. 18.57 N., 73.00 E.
Eleuthera, one of the Bahamas ; a. 238 sq. m., p. 8,735. 25.18 N., 76.20 W.
Elgin, co. tn., Elgin, Scot. ; woollens ; p. 8,485. 57.39 N., 3.19 W.
Elgin, cy., Ill., U.S. ; watchmaking ; p. 25,199. 42.02 N., 88.18 W.
Elginshire, co., Scot. ; a. 488 sq. m., p. 44,800. 57.33 N., 3.25 W.
Elis, western province, Greece ; p. 103,810. 38.00 N., 21.30 E.
Elizabetgrad (Yelizavetgrad), fort. tn., Kherson, Rus. ; p. 61,500. 48.32 N., 32.18 E.
Elizabeth City, co. cap., New Jersey, U.S. ; p. 62,185. 40.39 N., 74.17 W.
Ellice Is., group, S. Pacific ; copra ; p. 2,400. 8.00 S., 180.00 E.
Ellichpur, tn., Berar, Br. India, mil. sta. ; p. 27,250. 21.16 N., 77.30 E.
Elmina, Br. sett. on Gold Coast, W. Africa ; p. 12,000. 5.08 N., 1.28 W.
Elmira, co. cap., New York. U.S. ; mnfs. ; p. 34,687. 42.08 N., 76.55 W.
Elsinore, spt., Zealand, Denmark ; p. 14,085. 56.02 N., 12.36 E.
Elton, lake, Astrakhan, Russia ; salt ; a. 75 sq. m. 49.00 N., 46.40 E.
Elvas, fort. cy., Alemtejo, Portugal ; p. 14,250. 38.48 N., 7.07 W.
Ely, cy., Cambs, Eng. ; cathedral ; p. 7,750. 52.24 N., 0.15 E.
Ely, Isle of, admin. co., Eng. ; a. 372 sq. m., p. 64,550. 52.30 N., 0.00.
Emden, spt. tn., Hanover, Prussia ; mnfs. ; p. 16,575. 53.22 N., 7.12 E.
Emilia, div., N. Italy ; a. 7,995 sq. m., p. 2,548,550. 44.00 N., 10.00 E.
Emmerich, tn., Rhenish Prussia ; mnfs. ; p. 10,675. 51.51 N., 6.15 E.
Ems, riv., N.W. Ger., flows 205 m. to German Ocean. 53.19 N., 7.18 E.
Ems, w. pl., Hesse-Nassau, Ger. ; min. sprs. ; p. 6,520. 50.20 N., 7.42 E.
Enara, lake, extreme N. of Finland ; a. 550 sq. m. 63.00 N., 28.00 E.
Enfield, tn., Middlx, Eng. ; mnfs. small arms ; p. 43,250. 51.40 N., 0.06 W.

Engadin, famous Alpine valley, Grisons, Switz. 46.47 N., 10.20 E.
England, S. part Gt. Britain ; a. 50,823 sq. m., p. 32,500,000. 50.00 N., 0.00
English Channel, separates Eng. from France. 50.00 N., 2.00 W.
English Harbour, Br. naval sta., Antigua, W. Indies. 17.00 N., 61.48 W.
Enkhuizen, tn., prt., N. Holland ; on Zuider Zee ; p. 7,150. 52.42 N., 5.17 E.
Ennis, mkt. tn., co. tn., Clare, Ire. ; cath. ; p. 5,100. 52.51 N., 8.59 W.
Enniscorthy, mkt. tn., Wexford, Ire. ; tanning ; p. 5,500. 52.31 N., 6.33 W.
Enniskillen, co., tn., Fermanagh, Ire. ; p. 5,420. 54.21 N., 7.38 W.
Enns, riv., Austria, trib. of Danube ; 190 m. 48.10 N., 14.30 E.
Enschede, tn., Overyssel, Holland ; cotton ; p. 33,548. 52.13 N., 6.53 E.
Entre Douro e Minho, prov., Port. ; a. 2,810 sq. m., p. 1,200,000. 41.30 N., 8.20 W.
Entre Rios, prov., Argentina ; a. 29,021 sq. m., p. 406,867. 32.20 S., 59.00 W.
Epernay, tn., Marne, France ; earthenware ; p. 20,550. 49.03 N., 3.57 E.
Epinal, cap. Vosges, France ; embroidery ; p. 28,150. 48.10 N., 6.26 E.
Epirus, mt. region of the Balkan Peninsula. 40.00 N., 20.25 E.
Epping, mkt. tn., forest, Essex, Eng. ; p. 3,800. 51.42 N., 0.07 E.
Epsom, mkt. tn., Surrey, Eng. ; race course ; p. 11,150. 51.20 N., 0.16 W.
Erebus, mt., volc., Victoria Land, Antarctic ; 12,760 ft. 77.30 S., 166.06 E.
Erfurt, cy., Saxony, Prussia ; cath. ; mnfs. ; p. 98,849. 50.58 N., 11.00 E.
Ericht, Loch, lake, Perth and Inver., Scotland. 56.38 N., 3.22 W.
Erie, most S. of the five great lakes, N. America. 42.10 N., 81.00 W.
Erie, cap. of co., Penn., U.S. ; port of entry ; p. 59,993. 42.06 N., 80.10 W.
Erith, tn., Kent, Eng., yacht club hdqrs. ; p. 25,325. 51.28 N., 0.12 E.
Eritrea, Ital. col., N.E. Afr. ; a. 28,000 sq. m., p. 450,000. 15.00 N., 40.00 E.
Erivan, fort. cap. of E. gov., Prussia ; p. 29,010. 40.12 N., 44.31 E.
Erlangen, mnfg. tn., Bavaria, Ger. ; cotton ; p. 23,737. 48.36 N., 11.01 E.
Erlau, fort. cy., Hungary ; cath. ; wine ; p. 25,500. 47.55 N., 20.23 E.
Erne, riv., lough, Ulster, Ire. ; riv. 72 m. long. 54.30 N., 8.15 W.
Erzerum, tn., Turkish Armenia, trade seat ; p. 38,900. 39.57 N., 41.19 E.
Erzgebirge, mts., between Saxony and Bohemia. 50.40 N., 13.40 E.
Esbjerg, spt., Jutland, Denmark ; p. 15,000. 55.28 N., 8.30 E.
Eschweiler, mnfg. tn., Rhenish Prussia ; iron ; p. 22,100. 50.49 N., 6.19 E.
Escorial (Escurial), tn., Spain ; palace ; p. 5,895. 40.46 N., 4.11 W.
Eshowe, cap. Zululand, S. Africa. 28.50 S., 31.30 E.
Eskilstuna, mnfg. tn., Sweden ; cutlery ; p. 27,730. 59.21 N., 16.28 E.
Eski-Sagra, tn., E. Roumelia, Bulgaria ; p. 20,000. 42.27 N., 25.41 E.
Eski-Shehr, tn., N.W. Asia Minor ; rly. junc. ; p. 20,000. 39.44 N., 30.18 E.
Esmeralda, tn., prov., riv., Ecuador ; tn. p. 3,000. 3.02 N., 66.00 W.
Esneh, tn., Up. Egypt ; mnfs. cotton ; p. 16,000. 25.14 N., 32.33 E.
Espirito Santo, prov., Brazil ; a. 17,053 sq. m., p. 209,783. 20.35 S., 40.15 W.
Espiritu Santo, largest isl., New Hebrides ; p. 18,000. 15.00 S., 166.50 E.
Esquimalt, spt., Vancouver I., Br. Colombia ; p. 1,500. 48.12 N., 123.48 W.
Essek, cap., Slavonia, Hungary ; p. 23,500. 45.33 N., 18.43 E.
Essen, tn., Rhenish Prussia ; iron mnfs. ; p. 231,360. 51.28 N., 7.01 E.
Essequibo, most W. riv., Br. Guiana ; 620 m. long. 7.00 N., 59.00 W.
Essex, co., E. Eng. ; a. 1,542 sq. m., p. 1,084,500. 51.45 N., 0.30 E.
Esslingen, tn., Würtemberg, Ger. ; mnfs. ; p. 29,172. 48.44 N., 9.19 E.
Esthonia, most N. Baltic prov., Russia ; p. 459,700. 59.15 N., 25.30 E.
Estremadura, div., Spain ; a. 16,701 sq. m., p. 882,450. 39.15 N., 6.00 W.
Estremadura, prov., Port. ; a. 6,876 sq. m., p. 1,233,000. 39.00 N., 8.40 W.
Etampes, tn., Seine-et-Oise, France ; p. 9,150. 48.27 N., 0.29 E.
Etawah, tn., United Provs., Br. India ; p. 39,000. 26.45 N., 79.02 E.
Etive, riv., loch, Argyll, Scot. ; salmon fishing. 56.33 N., 4.58 W.
Etna, Mount, volc., Sicily ; eruption 1910. 37.44 N., 15.00 E.
Eton, tn., Bucks, Eng. ; famous school ; p. 3,325. 51.29 N., 0.37 W.
Eu, tn., Seine-Inf., France ; famous chateau ; p. 5,410. 50.02 N., 1.25 E.
Eubœa, isl. prov., Greece ; a. 1,457 sq. m., p. 116,903. 38.30 N., 23.50 E.
Eupatoria, spt., Crimea, Russia ; p. 18,250. 45.11 N., 33.22 E.
Eupen, mnfg. tn., Rhenish Prussia ; p. 14,450. 50.37 N., 6.03 E.
Euphrates, largest riv., W. Asia ; 1,700 m. long. 32.50.10 N., 44 E.

Eure, dep., riv., France ; a. 2,290 sq. m., p. 330,140. 49.05 N., 1.00 E.
Eure-et-Loir, dep., France ; a. 2,260 sq. m., p. 273,823. 48.25 N., 1.30 E.
Eureka, spt., cap. of co., Cal., U.S. ; lumber ; p. 7,350. 40.52 N., 123.58 W.
Europe, continent ; a. 3,865,000 sq. m., p. 400,000,000. 50.00 N., 25.00 E.
Evanston, cy., Ill., U.S. ; university ; p. 22,949. 42.03 N., 87.12 W.
Evansville, prt. of ent., co. crts., Ind., U.S. ; p. 64,442. 38.00 N., 87.30 W.
Everest, Mount, highest mt. of Himalayas ; 29,002 ft. 27.57 N., 86.56 E.
Everett, mnfg. tn., Mass, U.S. ; near Boston ; p. 29,111. 42.23 N., 71.04 W.
Evesham, mkt. tn., Worcs, Eng. ; battle 1265 ; p. 7,150. 52.05 N., 1.57 W.
Evora, cap. Alemtejo, Portugal ; cath. ; p. 16,350. 38.34 N., 7.46 W.
Evreux, cap. Eure, France ; cath. ; paper ; p. 18,455. 49.00 N., 1.00 E.
Ewe, riv., sea loch, Ross, Scot. ; loch 10 m. by 3 m. 57.52 N., 5.40 W.
Exe, riv., Somerset and Devon, Eng. ; 54 m. 50.37 N., 3.26 W.
Exeter, cy., cap. Devon, Eng. ; cath. ; lace ; p. 48,793. 50.43 N., 3.31 W.
Exmoor, forest, Somerset and Devon, Eng. 51.10 N., 3.45 W.
Exmouth, w. pl., mkt. tn., Devon, Eng. ; lace ; p. 10,520. 50.37 N., 3.24 W.
Eye, mkt. tn., Suffolk, Eng. ; corn exch. ; p. 2,050. 52.18 N., 1.08 E.
Eyemouth, fishing tn., Berwick, Scot. ; p. 2,460. 55.52 N., 2.05 W.
Eylau, tn., E. Prussia ; battle 1807 ; p. 3,565. 54.14 N., 20.40 E.
Eyre, Lake, salt lake, S. Australia ; a. 3,706 sq. m. 29.00 S., 137.30 E.
Eyria Pen., pastoral dist., S. Australia. 33.30 S., 136.00 E.

Fabriano, tn., Ancona, Italy ; cathedral ; p. 23,250. 43.21 N., 12.53 E.
Faenza, cy., Ravenna, Italy ; cath. ; mnfs. ; p. 40,370. 44.17 N., 11.53 E.
Falaise, tn., Calvados, France ; castle ruins ; p. 7,680. 48.53 N., 0.11 W.
Falkirk, tn., Stirling, Scot. ; battles 1298, 1746 ; p. 29,475. 56.00 N., 3.48 W.
Falkland Is., Br. col., S. Atl. ; a. 7,500 sq. m., p. 2,295. 51.40 S., 59.00 W.
Fall River, mnfg. cy., Mass., U.S. ; cotton ; p. 105,942. 41.41 N., 71.10 W.
Falmouth, spt., Cornwall, Eng. ; fine harb. ; p. 11,810. 50.09 N., 5.04 W.
False Bay, inlet, C. of G. Hope, on E. of C. of Good Hope. 34.10 S., 18.40 E.
Falster, Danish isl., Baltic Sea ; a. 183 sq. m., p. 34,650. 54.50 N., 12.00 E.
Falun, tn., Sweden, famous for copper mines ; p. 11,080. 60.36 N., 15.30 E.
Famagusta, decayed spt., E. coast Cyprus ; p. 4,000. 35.08 N., 33.58 E.
Fanning, Br. isl., N. Pacific ; a. 15 sq. m., p. 150. 3.30 N., 159.13 W.
Fano, spt., Pesaro, Italy ; cathedral ; p. 24,900. 43.50 N., 13.02 E.
Fareham, mkt. tn., w. pl., Hants, Eng. ; p. 8,275. 50.52 N., 1.10 W.
Farewell, cape, on isl. at S. extremity of Greenland. 59.49 N., 43.54 W.
Faridkot, tn., state cap., Punjab, India ; p. 11,000. 30.31 N., 74.39 E.
Farn (Fern) Is., group off Northumb., Eng. ; p. 40. 55.38 N., 1.37 W.
Farnham, mkt. tn., Surrey, Eng. ; hops ; p. 6,430. 51.13 N., 0.48 W.
Farnworth, tn., Lancs., Eng. ; sail canvas ; p. 26,100. 53.23 N., 2.44 W.
Faro, cap. Algarve, Portugal ; earthqu. 1755 ; p. 11,789. 37.00 N., 7.52 W.
Faroe Is., Danish grp., N. Atl. ; a. 513 sq. m., p. 16.350. 62.10 N., 7.00 W.
Fars (Farsistan), prov., Persia ; a. 53,500 sq. m. 30.00 N., 52.00 E.
Farrukhabad, cy., United Provs., Br. India ; p. 63,100. 27.28. N., 79.36 E.
Fashoda (Kodok), tn., Egyptian Sudan. 9.54 N., 32.07 E.
Fatehgarh, tn., mil sta., United Provs., p. 13,500. 27.22 N., 79.35 E.
Fatshan, tn., Kwangtung, China ; mnfs. ; p. 450,000. 23.08 N., 113.13 E.
Faversham, mkt. tn., riv. port, Kent, Eng. ; p. 11,320. 51.18 N., 0.54 E.
Fayal, isl., Azores, Atlantic ; a. 36 sq. m., p. 26,300. 38.23 N., 28.48 W.
Fayum, tn., dist., oasis, Egypt ; p. 37,320. 29.22 N., 30.55 E.
Fécamp, tn., spt., Seine-Inf., France ; p. 15,465. 49.46 N., 0.22 E.
Fehmarn, isl. of Schleswig Holstein, Prussia ; p. 10,250. 54.28 N., 11.10 E.
Félegyháza, free town, Hungary ; p. 33,550. 46.41 N., 19.52 E.
Felixstowe, w. pl., Suffolk, Eng. ; p. 5,830. 51.57 N., 1.21 E.
Fenny-Stratford, mkt. tn., Bucks, Eng. ; p. 4,820. 52.00 N., 0.45 W.
Ferghana, prov., Russ. Turkestan ; p. 1,572,000. 41.00 N., 72.00 E.
Fermanagh, co., Ire. ; a. 714 sq. m., p. 65,430. 54.820 N., 7.35 W.
Fermo, tn., Ascoli, Italy ; archbishop's see ; p. 20,650. 43.11 N., 13.43 E.

Fermoy, tn., Cork, Ire. ; mil. sta. ; cath. ; p. 6,130. 52.08 N., 8.16 W.
Fernando Noronha, volc. isl., S. Atlantic ; 6 m. by 1¼ m. 4.00 S., 32.30 W.
Fernando Po., isl., West Africa ; a. 739 sq. m., p. 19,500. 3.25 N., 8.35 E.
Ferozepore, tn., Punjab., Br. India ; p. 50,000. 30.54 N., 74.55 E.
Ferrara, cap. F. prov., Italy ; cathedral ; p. 82,310. 44.50 N., 11.37 E.
Ferro (Heirro), most. W. of Can. Is. ; a. 50 sq. m., p. 6,200. 27.43 N., 18,00 W.
Ferrol, spt., Corunna, Spain ; nav. arsenal ; p. 26,400. 43.29 N., 8.15 W.
Festiniog, tn., Merioneth, Wales ; slate ; p. 11,520. 52.54 N., 3.55 W.
Fez (Faz), cy., Morocco ; mnfs. leather ; p. 140,000. 34.06 N., 4.53 W.
Fezzan, Turkish prov., N. Africa ; p. 50,000. 26.00 N., 15.00 E.
Fichtelgebirge, mt. system, Bavaria ; pk. 3,641 ft. 50.03 N., 11.45 E.
Fiesole, cy., Florence, Italy ; cath. ; p. 16,850. 43.50 N., 11.18 E.
Fife, marit. co., Scot. ; a. 513 sq. m., p. 218,840. 56.15 N., 3.10 W.
Figueira, w. pl., Beira, Portugal ; p. 5,689. 40.10 N., 8.51 W.
Fiji Is., Br. crown col., S. Pacific ; p. 130,891. 15.00 S., 180.00 E.
Filey, w. pl., E. coast Yorks, Eng. ; p. 3,020. 54.13 N., 0.20 W.
Findhorn, riv., Scot., salmon fishery ; 62 m. 57.37 N., 3.40 W.
Findlay, cap. of co., Ohio, U.S. ; foundries ; p. 17,613. 41.01 N., 83.38 W.
Finistère, dep., France ; a. 2,585 sq. m., p. 795,103. 48.20 N., 4.00 W.
Finistèrre, cape, N. W. extremity of Spain. 42.53 N., 9.16 W.
Finland, gd. duchy, Russia ; a. 144,255 sq. m., p. 3 mil. 65.00 N., 27.00 E.
Finland, Gulf of, arm of Baltic Sea. 60.00 N., 27.00 E.
Finmarken, N. prov., Norway ; a. 18,295 sq. m., p. 33,000. 70.00 N., 24.00 E.
Finsbury, parl. bor., N. London ; p. 166,000. 51.32 N., 0.05 W.
Finsteraarhorn, highest pt., Bernese Alps ; 14,026 ft. 46.32 N., 8.07 E.
Firminy, tn., Loire, France ; coal ; p. 16,950. 45.24 N., 4.19 E.
Fishguard, spt., Pembroke, Wales ; p. 2,020. 51.59 N., 4.58 W.
Fitchburg, co. cap., Mass., U.S. ; textiles ; p. 33,021. 42.35 N., 71.48 W.
Fitzroy, largest riv., W. Australia ; 380 m. 18.18 S., 125.00 E.
Fiume, spt., Hungary, on Adriatic ; p. 39,000. 45.19 N., 14.27 E.
Flamborough Head, prom., Yorks, Eng. 54.07 N., 0.04 W.
Flannan Is., group of islets, N.W. of Lewis, Scotland. 58.13 N., 7.27 W.
Flêche, La, tn., Sarthe, France ; mil. ch. ; p. 1,070. 47.43 N., 0.04 W.
Fleetwood, spt., Lancs, Eng. ; military sta. ; p. 12,150. 53.56 N., 3.01 W.
Flensburg, spt., Schleswig Hol., Prussia ; iron ; p. 53,771. 54.46 N., 9.26 E.
Flint, co. tn., Flint, Wales ; alkali wks. ; p. 4,650. 53.15 N., 3.09 W.
Flint, co. cap., Mich., U.S. ; saw mills ; p. 14,884. 43.01 N., 83.41 W.
Flintshire, co., N. Wales ; a. 289 sq. m., p. 82,000. 53.20 N., 3.12 W.
Flodden Hill, Northumb., Eng. ; battle 1513. 55.36 N., 2.07 W.
Florence, cy., Italy ; cath., univ. ; mnfs. ; p. 227,000. 43.47 N., 11.14 E.
Flores, one of the Sunda Is., D. E. Indies ; p. 250,000. 8.30 S., 121.00 E.
Flores, isl., Azores ; battle 1591 ; p. 10,760. 39.30 N., 31.12 W.
Florida, state, U.S. ; a. 58,680 sq. m., p. 629,340. 29.00 N., 82.00 W.
Florida, Strait of, chan., between F. and Cuba. 26.00 N., 79.40 W.
Flushing, fort. spt., Walcheren I., Holland ; p. 19,000. 51.26 N., 3.35 E.
Fly, riv., New Guinea, enters G. of Papua. 7.12 S., 141.00 E.
Foggia, cap. F. prov., Italy ; cathedral ; p. 53,151. 41.27 N., 15.31.E.
Foix, cap. Ariège, France ; iron, steel ; p. 7,100. 42.57 N., 1.36 E.
Folkestone, spt., w. pl., Kent, Eng. ; p. 30,845. 51.05 N., 1.11 E.
Fond du Lac, co. cap., Wisconsin, U.S. ; p. 17,719. 43.46 N., 88.21 W.
Fontainebleau, tn., Seine-et-Marne, Fr. ; p. 14,350. 48.24 N., 2.42 E.
Foochow, cap. Fukien, China ; mnfs. ; p. 624,000. 26.07 N., 119.18 E.
Forfar, co. tn., Forfar, Scot. ; linen ; p. 11,425. 56.39 N., 2.53 W.
Forfarshire, co., Scot. ; a. 890 sq. m., p. 284,082. 56.45 N., 2.55 W.
Forli, cy., cap. F. prov., Italy ; bishop's see ; p. 43,709. 44.13 N., 12.02 E.
Formentera, isl. of the Balearic Is. ; a. 35 sq. m. 38.42 N., 1.30 E.
Formia, spt., Caserta, Italy ; p. 8,479. 41.15 N., 13.36 E.
Formosa, Japanese isl., off China coast ; p. 3,039,751. 23.30 N., 121.00 E.
Forres, mkt. tn., Elgin, Scot. ; chemicals ; p. 4,325. 57.37 N., 3.37 W.
Fort de France, cap. Martinique, Fr. W. Ind. ; p. 22,200. 14.36 N., 61.05 W.

Fort Scott, co. cap., Kansas, U.S. ; p. 12,663. 37.50 N., 94.38 W.
Fort Wayne, co. cap., Ind., U.S. ; rly. cent. ; p. 56,304. 41.02 N., 86.04 W.
Fort William, tourist res., Inver., Scot. ; p. 2,100. 56.48 N., 5.05 W.
Fort Worth, co. cap., Texas, U.S. ; mills ; p. 27,096. 32.45 N., 97.12 W.
Fortaleza (Ceara), spt., Brazil ; p. 33,000. 3.49 S., 38.24 W.
Forth, riv., E. Scot., flows to Firth of F. ; 116 m. 56.03 N., 3.40 W.
Fortrose, w. pl., Ross, Scot. ; cath. ruins ; p. 1,070. 57.35 N., 4.08 W.
Fougères, tn., Ille-et-Vilaine, Fr. ; granite ; p. 21,100. 48.20 N., 1.12 W.
Fourmies, tn., Nord, France ; mines ; p. 14,130. 50.01 N., 4.03 E.
Fowey, tn., riv., Cornwall, Eng. ; p. 2,275. 50.21 N., 4.38 W.
Foyle, Lough, inlet, N. coast of Ireland. 55.07 N., 7.05 W.
Framlingham, mkt. tn., Suffolk, Eng. ; p. 2,538. 52.13 N., 1.21 E.
France, country, W. Europe ; a. 206,381 sq. m., p. 39¼ mil. 45.00 N., 0.00.
Frankenhausen, tn., Ger. ; brine springs ; p. 6,385. 51.23 N., 11.05 E.
Frankenthal, tn., Bavarian Palat. ; sugar ; p. 16,920. 49.32 N., 8.21 E.
Frankfort, cap. Kentucky, U.S. ; mnfs. ; p. 10,447. 38.09 N., 84.52 W.
Frankfurt-on-Main, cy., Hesse Nassau, Ger. ; p. 334,978. 50.07 N., 8.41 E.
Frankfurt-on-Oder, tn., Brandenburg, Pruss. ; p. 64,304. 52.21 N., 14.32 E.
Franz Josef Land, arch., Arctic Ocean. 82.30 N., 60.00 E.
Franzensbad, w. pl., Bohemia, Austria ; p. 1,845. 50.07 N., 12.16 E.
Frascati, tn., Rome, Italy ; bishop's see ; p. 8,472. 41.48 N., 12.40 E.
Fraser, riv., Br. Columbia ; 800 m. in length. 51.00 N., 122.00 W.
Frazerburgh, fishing tn., Aberdeen, Scot. ; p. 9,135. 57.41 N., 2.00 W.
Fray Bentos, cap. Rio Negro, Uruguay ; p. 5,550. 33.00 S., 58.18 W.
Fredericia, spt., E. coast Jutland, Den. ; p. 12,745. 55.34 N., 9.45 E.
Fredericton, cap., New Brunswick, Canada ; p. 7,250. 45.58 N., 66.39 W.
Frederikshald, fort. spt., Norway ; sugar ; .p 11,957. 59.08 N., 11.25 E.
Frederikshavn, spt., Jutland, Denmark ; p. 6,520. 57.26 N., 10.31 E.
Frederikstad, spt., Norway ; harbour ; p. 14,635. 59.12 N., 11.15 E.
Freeport, cy., co. cap., Illinois, U.S. ; p. 15,100. 42.17 N., 89.33 W.
Freetown, spt., cap. Sierra Leone, W. Afr. ; p. 35,000. 8.30 N., 12.32 W.
Freiberg, min. tn., Saxony, Ger. ; cath. ; p. 35,153. 50.55 N., 13.20 E.
Freiburg, cap. F. canton, Switz. ; cath. ; p. 15,755. 46.48 N., 7.09 E.
Freiburg-im-Breisgau, tn., Baden, Ger. ; cath. ; p. 74,098. 47.59 N., 7.51 E.
Fremantle, chf. spt., W. Australia ; p. 18,945. 32.03 S., 115.47 E.
Fremont, peak, Wind River Mts., Wyo., U.S. ; 13,790 ft. 43.12 N., 110.20 W.
French Equatorial Africa, col., Cent. Afr. ; a. 697,000 sq. m., p. 5 mil. 3.00 S., 13.00 E
French Guiana, col., S. Amer. ; a. 30,460 sq. m., p. 27,000. 4.00 N., 52.40 W.
French Guinea, terr., W. Afr. ; a. 106,000 sq. m., p. 1½ mil. 7.00 N., 3.30 E.
French Ivory Coast, col., W. Africa ; rubber ; p. 890,000. 5.20 N., 6.00 W.
Fresnillo, min. tn., Zacatecas, Mexico ; p. 15,000. 23.10 N., 102.42 W.
Fresno City, co. cap., Cal., U.S. ; raisins ; p. 20,000. 36.43 N., 119.47 W.
Friedland, tn., E. Prussia ; battle 1807 ; p. 2,824. 54.28 N., 21.00 E.
Friedland, mnfg. tn., Bohemia, Austria ; p. 6,241. 50.56 N., 15.03 E.
Friedrichroda, res., Ger., in Thuringian Forest ; p. 4,396. 50.50 N., 10.33 E.
Friendly (Tonga) Is., Br. group, S. Pacific ; p. 20,677. 20.00 S., 173.00 W.
Friesland, prov., N. Holland ; a. 1,280 sq. m., p. 362,912. 53.05 N., 5.50 E.
Frisches Haff, lagoon, Prussia, on Baltic coast. 54.25 N., 19.35 E.
Frobisher Bay, inlet, S. of Baffin Land ; 200 m. long. 62.12 N., 65.00 W.
Frome, mkt. tn., Somerset, Eng. ; woollens ; p. 11,055. 51.14 N., 2.19 W.
Fucino, lake, Aquila, Italy ; a. 61 sq. m. 42.00 N., 13.35 E.
Fuentes de Onoro, vil., Salamanca, Spain ; battle 1811. 40.38 N., 6.41 W.
Fuji-yama, volc., Honshiu, Japan ; 12,390 ft. high. 35.29 N., 138.45 E.
Fukien, marit. prov., China ; a. 46,332 sq. m., p. 22,876,540. 26.30 N., 118.00 E.
Fukui, imp. tn., Honshiu, Japan ; mnfs. silk ; p. 50,400. 36.03 N., 136.20 E.
Fukuoka, tn., Kiushiu, Japan ; silk trade ; p. 82,106. 33.25 N., 130.20 E.
Fukushima, tn., Honshiu, Japan ; raw silk ; p. 33,495. 37.40 N., 140.26 E.
Fulda, tn., Hesse-Nassau, Prussia ; cath. ; p. 17,200. 50.32 N., 9.40 E.
Fulham, parl. bor., S.W. London ; p. 138,000. 51.28 N., 0.13 W.
Funchal, spt., cap. of Madeira, on S. coast ; p. 20,845. 32.46 N., 16.59 W.

Fundy, Bay of, between Nova Scotia and N. Brunswick. 45.00 N., 65.30 W.
Fünen, isl., Denmark ; a. 1,135 sq. m., p. 207,000. 55.20 N., 10.20 E.
Fünfkirchen (Peco), free tn., Hungary ; cath. ; p. 46,100. 46.06 N., 18.13 E.
Furneaux Is., group in Bass Str., Australia. 40.00 S., 148.00 E.
Fürstenwalde, tn., Brandenburg, Prussia ; p. 16,820. 52.23 N., 14.02 E.
Fürth, tn., Bavaria, Ger. ; mnfs. mirrors ; p. 60,635. 49.30 N., 11.00 E.
Fusan, open port, on S.E. coast of Corea ; p. 23,890. 35.10 N., 129.00 E.
Fyne, Loch, sea-loch, Argyll, Scot. ; 40 m. long. 55.52 N., 5.22 W.
Fyzabad (Faizabad), cy., United Provs., Br. India ; p. 55,000. 37.08 N., 71.00 E.

Gablonz, tn., Bohemia, Austria ; mnfs. glass ; p. 23,210. 50.44 N., 15.10 E.
Gaeta, fort spt., Caserta, Italy ; cath. ; p. 5,685. 41.13 N., 13.35 E.
Gainsborough, mkt. tn., Lincs, Eng. ; p. 17,750. 53.28 N., 0.47 W.
Galapagos, volc. isls., Pacific, 600 m. W. of Ecuador. 0.30 S., 90.30 W.
Galashiels, tn., Selkirk, Scot. ; tweeds ; p. 13,630. 55.37 N., 2.49 W.
Galatz, riv. port, Moldavia ; dockyard ; p. 66,000. 45.27 N., 28.03 E.
Galesburg, cy., Ill., U.S. ; univ. ; foundries ; p. 20,611. 40.54 N., 90.18 W.
Galicia, prov., N.W. Spain ; a. 11,340 sq. m., p. 1,945,000. 42.45 N., 8.00 W.
Galicia, prov., Austria ; a. 30,300 sq. m., p. 7,296,000. 49.50 N., 23.00 E.
Galilee, Sea of, lake, N. Palestine, 13 m. by 6 m. 32.47 N., 35.38 E.
Galla Country, dist., E. Africa, S. of Abyssinia. 8.30 N., 40.15 E.
Galle, spt., S.W. coast of Ceylon ; coal sta. ; p. 37,400. 6.01 N., 80.15 E.
Gallipoli, spt., Eur. Turkey ; cottons, silks ; p. 25,000. 40.25 N., 26.39 E.
Gallipoli, spt., Otranto, Italy ; harbour ; p. 13,500. 40.03 N., 17.58 E.
Galloway, dist., Wigtown and Kirkcudb., Scotland. 55.00 N., 4.15 W.
Galloway, Mull of, most S.W. point of Scotland. 54.38 N., 4.51 W.
Galt, tn., Ontario, Canada ; mnfs. flour ; p. 8,000. 43.19 N., 80.25 W.
Galty Mts., range, Ireland ; pk. 3,008 ft. 52.23 N., 8.07 W.
Galveston, spt., Texas, U.S. ; univ. ; cotton ; p. 34,355. 29.19 N., 94.48 W.
Galway, marit. co., Ire. ; a. 2,375 sq. m., p. 192,550. 53.20 N., 9.00 W.
Galway, co. tn., spt., Galway, Ire. ; brushes ; p. 13,450. 53.17 N., 9.03 W.
Galway Bay, inlet, W. coast of Ire. ; 30 m. long. 53.12 N., 9.10 W.
Gambia, riv., W. Africa, flows to Atlantic ; 1,400 m. 13.00 N., 13.00 W.
Gambia, Br. crown col., W. Africa ; p. 161,000. 13.25 N., 16.00 W.
Gambier Is., Fr. group, Polynesia ; p. 1,535. 23.15 S., 134.45 W.
Gando, cap. G. state, W. Sudan ; state p. 5½ mil. 12.30 N., 4.38 E.
Ganges, chf. riv., India, enters B. of Bengal ; 1,557 m. 22.55 N., 90.16 E.
Ganges Canal, system about 1,000 m. long, India. 28.08 N., 78.00 E.
Gap, cap. Hautes-Alpes, Fr. ; cath. ; woollens ; p. 11,120. 44.34 N., 6.04 E.
Gard, dep., France ; a. 2,245 sq. m., p. 421,166. 44.00 N., 4.10 E.
Garda, Lago di, largest lake in Italy ; a. 115 sq. m. 45.40 N., 10.40 E.
Garonne, chf. riv., S.W. France ; 355 m. long. 44.41 N., 0.20 W.
Gaspé, pen., spt., Quebec, Canada ; tn. p. 430. 48.52 N., 65.30 W.
Gatchina, tn., sum. res., St. Petersb., Russ. ; p. 14,800. 59.32 N., 30.03 E.
Gateshead, tn., Durham, Eng. ; coal, iron ; p. 131,024. 54.58 N., 1.36 W.
Gatineau, riv., Quebec, Canada ; 400 m. 45.45 N., 75.55 W.
Gaya, tn., Bengal, Br. India ; p. 71,500. 24.46 N., 84.47 E.
Gebweiler, tn., Alsace, Ger. ; mnfs. ; p. 13,400. 47.54 N., 7.12 E.
Geelong, spt. cy., Victoria, Aus. ; woollens ; p. 28,361. 38.09 S., 144.21 E.
Geelvink Bay, inlet, New Guinea ; 125 m. long. 2.30 S., 135.00 E.
Geestemünde, spt., Hanover, Prussia ; p. 20,250. 53.32 N., 8.35 E.
Gefle, spt., Sweden ; shipbldg., textiles ; p. 31,595. 60.38 N., 17.10 E.
Gelderland, prov., Holland ; a. 1,957 sq. m., p. 639,431. 52.10 N., 6.00 E.
Gellivara, mining tn., N. Sweden ; p. 7,470. 67.12 N., 20.49 E.
Gelsenkirchen, mnfg. tn., Westphalia, Pruss. ; p. 147,005. 51.32 N., 7.06 E.
Geneva, tn., cap. G. canton, Switz. ; watches ; p. 121,200. 46.12 N., 6.09 E.
Gevena (Leman) Lake, Switz. ; 45 m. by 8 m. 46.27 N., 6.30 E.
Genoa, cy., spt., cap. G. prov., Italy ; cath. ; p. 275,000. 44.23 N., 8.55 E.
Genoa, Gulf of, Italy, N. of Corsica ; 90 m. long. 44.15 N., 8.45 E.

Georgetown, prt. of ent., Dist. of Col., U.S. ; p. 14,590. 38.54 N., 77.04 W.
Georgetown, spt., cap. Br. Guiana ; sugar ; p. 53,176. 6.46 N., 58.08 W.
Georgetown, cap. of Penang I. ; fortified ; p. 26,580. 0.30 N., 100.06 E.
Georgia, state, U.S. ; a. 59,475 sq. m., p. 2,443,720. 33.00 N., 83.00 W.
Georgia, country, Russia ; cereals ; p. 1,370,000. 41.00 N., 45.00 E.
Georgia, Gulf of, Br. Columbia, arm of Pacific. 50.00 N., 125.00 W.
Gera, cap. Reuss-Schleiz, Ger. ; mnfs ; p. 46,910. 50.52 N., 12.05 E.
Geraldton, spt. tn., W. Australia ; p. 3,300. 28.44 S., 114.40 E.
German E. Africa, terr., a. 365,000 sq. m., p. 10 mil. 5.00 S., 35.00 E.
German S.W. Africa, terr., a. 317,000 sq. m., p. 120,000. 22.00 S., 17.00 E.
Germany, fed. emp., Eur. ; a. 211,168 sq. m., p. 60½ mil. 48.00 N., 10.00 E.
Gers, dep., S.W. France ; a. 2,415 sq. m., p. 231,088. 43.40 N., 0.30 E.
Ghadames, tn., oasis, N. Sahara ; p. 10,000. 30.10 N., 9.10 E.
Ghardaia, tn., oasis, Algerian Sahara ; p. 29,000. 32.34 N., 3.35 E.
Ghats, E. and W., mt. ranges, India, pk. 8,760 ft. 14.30 N., 76.30 E.
Ghaziabad, tn., United Provs., Br. India ; p. 10,200. 28.35 N., 77.29 E.
Ghazipur, cy., United Provs. Br. India ; p. 39,350. 25.35 N., 83.34 E.
Ghazni, fort. tn., Afghanistan ; p. 10,000. 33.34 N., 68.18 E.
Ghent, cy., pt., cap. E. Flanders, Belg. ; univ. ; p. 163,765. 51.02 N., 3.44 E.
Giants' Causeway, prom. of columnar basalt, Ire. 55.14 N., 6.31 W.
Gibraltar, Br. tn., spt., rock fortress, Spain ; p. 23,443. 36.08 N., 5.21 W.
Gibraltar Strait, joins Medit. and Atlantic. 35.57 N., 5.30 W.
Giessen, tn., Hesse Darmstadt, Ger. ; univ. ; p. 28,769. 50.34 N., 8.41 E.
Gijon, spt., Oviedo, Spain ; tobacco ; p. 46,905. 43.37 N., 5.40 W.
Gibert Is., Br., grp., Pacific ; a. 166 sq. m., p. 29,500. 0.00, 172.00 E.
Gilolo, isl., Moluccas, D.E. Indies ; sago ; p. 121,000. 1.00 N., 128.00 E.
Girgeh, tn., Egypt, on Nile riv. ; p. 18,000. 26.19 N., 31.59 E.
Girgenti, tn., cap. G. prov., S. coast Sicily ; p. 25,025. 37.18 N., 13.23 E.
Gironde, dep., France ; a. 3,760 sq. m., p. 823,925. 44.50 N., 0.30 W.
Gironde, estuary of Garonne and Dordogne, France. 45.30 N., 0.50 W.
Girton, par., Cambs., Eng. ; college for women. 52.14 N., 0.08 W.
Girvan, spt., w. pl., Ayr, Scot. ; p. 4,045. 55.14 N., 4.51 W.
Gisborne, port of entry, North I., N.Z. ; p. 4,000. 37.28 S., 144.45 E.
Gisors, tn., Eure, France ; battle 1198 ; p. 4,885. 49.15 N., 1.53 E.
Giurgevo, tn., Roumania, on the Danube ; p. 20,870. 43.53 N., 25.56 E.
Gizeh, tn., Egypt, on the Nile ; p. 12,500. 30.01 N., 30.14 E.
Gladbach, two tns., Rhen. Prussia ; mnfs. ; p. 11,650. 51.33 N., 6.27 E.
Glamorganshire, co., Wales ; a. 855 sq. m., p. 601,400. 51.35 N., 3.30 W.
Glarus, tn., cap. G. canton, Switz. ; p. 5,445. 47.02 N., 9.04 E.
Glasgow, commer. cap., spt., Scot. ; univ. ; p. 872,021. 55.51 N., 4.16 W.
Glastonbury, tn., Somerset, Eng. ; abbey rns. ; p. 4.050. 51.09 N., 2.33 W.
Glatz, tn., Silesia, Prussia ; linen ; p. 15,100. 50.26 N., 16.39 E.
Glauchau, mnfg. tn., Saxony, Ger. ; cloth ; p. 24,596. 50.48 N., 12.32 E.
Gleiwitz, tn., Silesia, Prussia ; iron ; p. 61,362. 50.17 N., 18.40 E.
Glencoe, valley, Argyll, Scot. ; massacre 1692. 56.38 N., 4.57 W.
Glenlivet, valley, Banff, Scot. ; battle 1594. 57.18 N., 3.17 W.
Glen's Falls, tn., New York, U.S. ; sawmills ; p. 12,655. 43.18 N., 73.34 W.
Glogau, tn., fortress, Silesia, Prussia ; p. 22,500. 51.40 N., 16.03 E.
Glommen, largest riv., Norway ; 350 m. long. 60.10 N., 11.30 E.
Glossop, mkt. tn., Derby, Eng. ; cotton ; p. 21,650. 53.27 N., 1.57 W.
Gloucester, co. tn., prt., Glouc., Eng. ; cutly. ; p. 53,926. 51.52 N., 2.15 W.
Gloucester, port of entry, Mass., U.S. ; p. 26,011. 42.34 N., 70.40 W.
Gloucestershire, co., Eng. ; a. 1,243 sq. m., p. 635,000. 51.45. N., 2.30 W.
Glückstadt, tn., port, Schleswig Holstein, Ger. ; p. 6,610. 53.47 N., 9.24 E.
Gmünd, tn., Würtemberg, Ger. ; jewellery ; p. 20,566. 48.47 N., 9.48 E.
Gmünden, tn., resort, Up. Austria ; salt ; p. 7,165. 47.56 N., 13.48 E.
Gnesen, tn., Posen, Prussia ; cath. ; p. 21,885. 53.32 N., 17.33 E.
Goa, Port. poss., W. India ; a. 1,469 sq. m., p. 475,513. 15.27 N., 73.53 E.
Goalpara, tn., E. Bengal and Assam ; p. 5,500. 26.09 N., 90.35 E.
Goalundo, port. E. Bengal and Assam ; p. 8,995. 23.50 N., 89.47 E.

Gobi, Desert of, Mongolia, E. Asia ; 1,500 m. long. 43.00 N., 110.00 E.
Godalming, tn., Surrey, Eng. ; stockings ; p. 8,765. 51.11 N., 0.37 W.
Godavari, riv., S. India, about 900 m. long. 18.30 N., 80.25 E.
Goderich, port of entry, Ontario, Canada ; p. 4,200. 43.45 N., 81.50 W.
Godthaab, oldest Danish col., W. coast Greenland. 64.10 N., 51.37 W.
Godwin-Austen, mt., Himalayas ; 28,250 ft. 35.55 N., 76.27 E.
Gokcha, lake, Transcaucasia, Russia ; 45 m. by 20 m. 40.18 N., 45.19 E.
Golconda, decayed cy., Ft. Hyderabad, India. 17.38 N., 78.28 E.
Gold Coast, Br. crown col. and protec., W. Afr. ; p. 1½ mil. 5.00 N., 1.00 W.
Gonaïves, spt., Hayti, on W. coast ; p. 13,000. 19.29 N., 72.35 W.
Gondar, cap., Amhara, Abyssinia ; p. 5,000. 12.37 N., 37.29 E.
Gondokoro, trading post, E. Sudan ; ivory. 4.43 N., 31.40 E.
Goodwin Sands, off E. coast Kent, England. 51.15 N., 1.43 W.
Goole, tn., riv. port, W.R. Yorks, Eng. ; p. 16,620. 53.42 N., 0.52 W.
Göppingen, tn., Würtemberg, Ger. ; mnfs. ; p. 20,813. 48.42 N., 9.40 E.
Gorakhpur, cy., United Provs., Br. India. ; p. 63,850. 26.44 N., 82.23 E.
Gordon Bennett, mt., Cent. Africa ; 14–15,000 ft. 0.40 N., 30.10 E.
Gorgonzola, vil., Milan, Italy ; fam. for cheese ; p. 5,150. 45.32 N., 9.23 E.
Gorkum, fort. tn., S. Holland ; arsenal ; p. 11,950. 51.49 N., 4.59 E.
Görlitz, tn., Silesia, Prussia ; woollens ; p. 83,766. 51.09 N., 15.00 E.
Gorz, tn., cap. Gorz & Gradisca, Austria ; p. 25,650. 45.57 N., 13.38 E.
Gorz & Gradisca, prov., Austria ; a. 1,126 sq. m., p. ¼ mil. 46.05 N., 14.45 E.
Goslar, anc. tn., Hanover, Prussia ; p. 16,660. 51.55 N., 10.25 E.
Gosport, spt., Hants, Eng. ; naval depôt ; p. 28,950. 50.48 N., 1.08 W.
Gotha, cap. Saxe-Coburg-Gotha, Ger. ; mnfs. ; p. 36,947. 50.57 N., 10.42 E.
Gothenburg, imp. spt., Sweden ; textiles ; p. 162,480. 57.39 N., 11.59 E.
Gothland, old prov., S. Sweden ; a. 35,803 sq. m., p. 2½ mil. 57.30 N., 14.30 E.
Gothland, isl., Sweden, in the Baltic ; p. 54,140. 57.30 N., 18.30 E.
Göttingen, tn., Hanover, Prussia ; p. 30,520. 51.32 N., 9.56 E.
Gouda, tn., S. Holland ; brickworks ; p. 24,384. 52.01 N., 4.42 E.
Goulburn, tn., New S. Wales ; boots ; cath. ; p. 10,612. 34.36 S., 149.43 E
Gourock, w. pl., Renfrew, Scot. ; p. 5,285. 55.57 N., 4.49 W.
Govan, tn., Lanark, Scot. ; shipbldg. ; p. 82,350. 55.52 N., 4.19 W.
Goyana, tn., Brazil, S. America ; p. 15,000. 7.38 S., 35.01 W.
Goyaz, cap. G. prov., Brazil ; cath. ; p. 8,000. 16.22 S., 50.25 W.
Gozo, Brit. isl., Mediterranean, nr. Malta ; p. 20,150. 36.03 N., 14.14 E.
Graaff-Reinet, tn., C. of G. Hope ; p. 10,083. 32.16 S., 24.53 E.
Gradisca, tn., Gorz & Gradisca, Austria ; p. 3,910. 45.54 N., 13.30 E.
Grafton, tn., New S. Wales ; sugar ; p. 4,220. 29.39 S., 152.57 E.
Graham's Land, isl., Antarctic Ocean. 66.00 S., 60.00 W.
Grahamstown, cap. E. prov., C. of G. Hope ; p. 13,877. 33.13 S., 26.32 E.
Graian Alps, mts., between Savoy and Piedmont. 45.30 N., 6.50 E.
Grampians, mts., Scot., betw. Highlands and Lowlands. 56.30 N., 4.30 W.
Gran, Royal free tn., Hungary ; cath. ; p. 17,200. 47.47 N., 18.43 E.
Gran Chaco, vast region, S. America ; a. 180,000 sq. m. 25.00 S., 60.00 W.
Gran Sasso d'Italia, hghst. pk., Apennines ; 9,574 ft. 42.27 N., 13.40 E.
Granada, cap. G. prov., Spain ; univ. ; p. 75.850. 37.13 N., 3.41 W.
Granada, cap. of dep., Nicaragua ; port ; p. 17,092. 12.00 N., 85.56 W.
Grand Bassam, tn., Gold Coast, W. Africa. 5.17 N., 3.43 W.
Grand Forks, co. cap., N. Dakota, U.S. ; p. 7,720. 47.55 N., 97.04 W.
Grand Haven, co. cap., Mich., U.S. ; p. 4,810. 43.02 N., 86.14 W.
Grand Rapids, co. cap., Mich., U.S. ; mnfs. ; p. 99,794. 42.58 N., 85.41 W.
Grangemouth, spt. Stirling, Scot. ; coal ; p. 8,410. 56.02 N., 3.45 W.
Grant Land, region, extreme N. America. 81.42 N., 75.00 W.
Grantham, mkt.tn., Lincs, Eng. ; mnfs ; p. 17,720. 52.55 N., 0.39 W.
Granton, spt., Edinburgh, Scot. ; p. 938. 55.59 N., 3.14 W.
Granville, fort. spt., Manche, France ; p. 11,760. 48.51 N., 1.37 W.
Grasse, tn., Alpes Marit., France ; perfumes ; p. 15,750. 43.39 N., 6.54 E.
Graudenz, old tn., West.Prussia ; mnfs ; p. 32,910. 53.29 N., 18.43 E.
Gravelines, fort. tn., Nord, France ; battle 1558. 51.00 N., 2.06 E.

Gravelotte, vil., Lorraine, Ger. ; battle 1870. 49.07 N., 6.02 E.
Gravesend, riv. port, Kent, Eng. ; p. 27,350. 51.27 N., 0.22 E.
Graz, cap. Styria, Austria ; mnfs. ; p. 138,650. 47.04 N., 15.26 E.
Great Britain, lgst. isl., Europe ; p. 40 mil. 55.00 N., 3.00 W.
Great Crosby, w. pl., Lancs, Eng. ; p. 7,600. 53.29 N., 3.02 W.
Great Fish River, C. of Good Hope ; 230 m. long. 33.24 S., 27.00 E.
Great Fish River, N. America ; 440 m. long. 65.10 N., 105.00 W.
Great Orme's Head, prom., Carnarvon, Wales. 53.21 N., 3.52 W.
Great Salt Lake, Utah, U.S. ; 80 m. by 32 m. 41.00 N., 112.30 W.
Great Slave Lake, N.W. Terr., Canada ; 300 m. by 60 m. 61.30 N., 115.00 W.
Greece, kgdm., S.E. Eur. ; a. 25,020 sq. m., p. 2,631,952. 37.40 N., 22.20 E.
Green, riv., Wyo., Col. and Utah, U.S. ; 750 m. 40.00 N., 109.55 W.
Greenland, reg., N. Amer. ; a. 512, 000 sq. m., p. 12,000. 70.00 N., 40.00 W.
Greenock, spt., Renfrew, Scot. ; shipbldg. ; p. 72,301. 55.56 N., 4.45 W.
Greenville, co. cap. S. Carolina, U.S. ; cotton ; p. 13,810. 34.52 N., 82.13 W.
Greenwich, parl.bor., London ; observ. ; p. 96,000. 51.28 N., 0.00.
Greifswald, tn., Pomerania, Prussia ; univ. ; p. 23,000. 54.05 N., 13.21 E.
Greiz, cap. Reuss-Griez, Ger. ; cotton ; p. 23,118. 50.39 N., 12.13 E.
Grenada, volc. isl., Br. W. Indies ; cocoa ; p. 72,990. 12.08 N., 61.42 W.
Grenadines, small isls., Br. W. Indies ; p. 7,900. 12.40 N., 61.20 W.
Grenoble, fort. cy., cap. Isère, France ; cath. ; p. 73,022. 45.12 N., 5.42 E.
Gretna Green, vil., Scot., former runaway marriages. 55.00 N., 3.03 W.
Greymouth, spt., W. coast South I., N.Z. ; p. 3,800. 42.30 S., 171.12 E.
Greytown, spt., Nicaragua, on Caribbean S. ; p. 1,550. 10.59 N., 83.42 W.
Grimsby, Great, spt., tn., Lincs, Eng. ; fish ; p. 73,036. 53.34 N., 0.04 W.
Griqualand East, dist., S. Africa ; 8,000 sq. m. 30.30 S., 29.00 E.
Griqualand West, dist., S. Africa ; a. 15,200 sq. m. 29.00 S., 23.00 E.
Grisnez, headland, N.E. coast of France. 50.54 N., 1.35 E.
Grisons, canton, Switz. ; a. 2,773 sq. m., p. 109,625. 46.40 N., 9.30 E.
Grodno, cap. G. gov., Russia ; mnfs. cloth ; p. 41,610. 53.41 N., 23.49 E.
Groningen, cy., cap. G. prov., Holland ; univ. ; p. 75,370. 53.13 N., 6.34 E.
Groote Eylandt, isl., Aus., in G. of Carpentaria. 13.38 S., 136.37 E.
Gross Glockner, mt.,Salzburg, Austria ; 13,458 ft. 47.06 N., 12.43 E.
Grosswardein, old tn., Hungary ; spirits ; p. 47,500. 47.03 N., 21.53 E.
Gruyère, vil., Freiburg, Switz. ; famous cheese. 46.35 N., 7.05 E.
Guadalajara, decayed cap. G. prov., Spain ; p. 11,000. 40.38 N., 3.10 W.
Guadalajara, cap., Jalisco, Mexico ; p. 101,450. 21.09 N., 103.02 W.
Guadalquivir, chief riv. of Spain ; 374 m. long. 36.47 N., 6.22 W.
Guadeloupe, sl., Lesser Antilles, W. Indies ; p. 190,275. 16.12 N., 61.40 W.
Guadiana, riv., Spain and Portugal ; 510 m. 37.10 N., 7.18 W.
Guanajuato, tn., cap., G. state, Mexico ; p. 52,170. 21.00 N., 100.42 W.
Guaporé, riv., Brazil, trib. of Madeira ; 800 m. 13.15 S., 62.25 W.
Guardafui, Cape, most E. pt. of Africa. 11.53 N., 51.22 E.
Guatemala rep., C. Am. ; a. 46,600 sq. m., p. 1,882 992. 15.40 N., 91.00 W.
Guatemala, cap of above ; cath., archb. pal. ; p. 125,000. 14.41 N., 90.35 W.
Guayaquil, chf. commer. cy., Ecuador ; cath. ; 80,000. 2.10 S., 79.56 W.
Guaymas, spt., Mexico, on G. of California ; p. 8,650. 28.10 N., 110.32 W.
Guben, mnfg. tn., Brandenburg, Prussia ; p. 33,250. 51.58 N., 14.42 E.
Guelph, prt. of entry, Ontario, Canada ; p. 14,789. 43.30 N., 80.21 W.
Guernsey, isl., Channel Is. ; a. 28 sq. m. p. 40,850. 49.27 N., 2.35 W.
Guerrero, state, Mexico ; a. 22,863 sq. m. p. 479,500. 17.51 N., 99.18 W.
Guiana, region, S. Amer. ; Brit., French, and Dutch. 4.40 N., 60.00 W.
Guienne, old prov., France, in S.W. part. 44.45 N., 1.00 E.
Guildford, co., tn., Surrey ; grain market ; p. 16,200. 51.14 N., 0.34 W.
Guinea, maritime region, W. Africa. 7.00 N., 2.00 W.
Guinea, Gulf of, W. Africa, arm of Atlantic. 2.00 N., 0.00.
Guipuzcoa, prov., Spain ; a. 728 sq. m., p. 196,500. 43.06 N., 2.10 W.
Guisborough, mkt. tn., N.R. Yorks, Eng. ; p. 5,665. 54.32 N., 1.04 W.
Gujarat, prov., Bombay ; a. 10,296 sq. m., p. 3,100,000. 22.20 N., 71.00 E.
Gujranwala, tn., Punjab, Br. India ; p. 29,780. 32.12 N., 74.12 E.

Gujrat, tn., Punjab, Br. India ; p. 20,000. 32.33 N., 73.59 E.
Gumbinnen, tn., E. Prussia ; mnfs. ; p. 14,000. 54.35 N,, 22.09 E.
Gumti, riv., India, trib. of Ganges ; 500 m. 23.35 N., 91.30 E.
Güstrow, tn., Mecklenburg-Sch., Ger. ; p. 17,161. 53.48 N., 12.11 E.
Guthrie, cap. Oklahoma, U.S. ; p. 11,652. 35.52 N., 97.25 W.
Gwalior, cap. G. state, Cent. India ; p. 89,500. 26.20 N., 78.07 E.
Gympie, mining tn., Queensland ; gold ; p. 14,431. 26.12 S., 152.42 E.
Gyöngyös, tn., Hungary ; min. baths ; p. 15,920. 47.47 N., 19.59 E.

Haarlem, cy., North Holland ; cath. ; p. 70,348. 52.23 N., 4.38 E.
Hackney, parl. bor., N.E. London ; p. 254,000. 51.33 N., 0.03 W.
Haddington, co. tn., Haddington, Scot. ; p. 4,050. 55.57 N., 2.47 W.
Haddingtonshire, co., Scot. ; a. 280 sq. m., p. 38,665. 55.55 N., 2.45 W.
Hadramaut, coast region, S. Arabia ; p. 450,000. 18.00 N., 50.00 E.
Hagen, tn., Westphalia, Prussia ; mnfs. ; p. 77,567. 51.28 N., 7.28 E.
Hagenau, tn., Alsace, Ger. ; mnfs. ; p. 18,250. 48.52 N., 7.45 E.
Hagerstown, co. cap., Maryld., U.S. ; mnfs. ; p. 16,369. 39.36 N., 77.44 W.
Hague, The, cap. Holland ; palace ; mnfs. ; p. 259,012. 52.03 N., 4.18 E
Haifa, spt., Syria ; at foot Mt. Carmel ; p. 10,000. 32.48 N., 35.01 E.
Hainan, isl., China ; a. 22 sq. m., p. 2,500,000. 19.00 N., 109.45 E.
Hainaut, prov., Belgium, a. 1,437 sq. m., p. 1,143,250. 50.30 N., 4.00 E.
Hajipur, riv.-port, Bengal, on Gandak R. ; p. 21,550. 25.41 N., 85.12 E.
Hakodate, chief port, Yezo, Japan ; p. 87,875. 41.47 N., 140.51 E.
Halberstadt, cy., Saxony, Prussia ; cath. ; p. 44,200. 51.54 N., 11.03 E.
Halidon Hill, eminence, Northumb, Eng. ; battle 1333. 55.48 N., 2.05 W.
Halifax, mnfg. tn., W.R. Yorks, Eng. ; worsted ; p. 111,911. 53.43 N., 1.52 W.
Halifax, spt., cap. Nova Scotia ; nav. sta. ; p. 46,081. 44.38 N. 63.36 W.
Halle, cy., Saxony, Prussia ; univ. ; mnfs. ; p. 169,916. 51.29 N., 11.59 E.
Halmstad, spt., Sweden, on Cattegat ; p. 18,009. 56.39 N., 12.49 E.
Halstead, mkt. tn., Essex, Eng. ; mnfs. ; p. 6,094. 51.57 N., 0.39 E.
Ham, tn., Somme, France ; old fortress ; p. 3,600. 49.45 N., 3.03 E.
Hamadan, tn., N. Persia ; mnfs. leather ; p. 35,000. 34.50 N., 48.25 E.
Hamah, anc. cy., Syria, on the Orontes ; p. 60,000. 35.12 N., 36.39 E.
Hamburg, free cy., spt., Ger. ; com. cent., p. 802,793. 53.33 N., 10.00 E.
Hameln (Hamelin), tn., Hanover, Prussia ; p. 19,900. 52.07 N., 9.21 E.
Hamilton, tn., Lanark, Scot. ; coal ; p. 32,775. 55.47 N., 4.03 W.
Hamilton, cy., Ontario, Canada ; mnfs. ; p. 42,363. 43.16 N., 79.57 W.
Hamilton, co. cap., Ohio, U.S. ; mnfs. ; p. 27, 670. 39.20 N., 84.12 W.
Hamilton, cap. Bermuda Is., on Main I. ; p. 2,250. 32.18 N., 64.42 W.
Hamm, tn., Westphalia, Prussia ; mnfs. ; p. 31,750. 51.40 N., 7.50 E.
Hammerfest, tn., Norway, most N. in Europe ; p. 2,325. 70.38 N., 23.39 E.
Hammersmith, parl. bor., W. London ; p. 112,300. 51.29 N., 0.14 W
Hampshire, co., Eng. ; a. 1,622 sq. m., p. 800,000. 51.00 N., 1.30 W.
Hampstead, parl. bor., N.W. London ; p. 82,500. 51.33 N., 0.11 W.
Hampton, urban dist., Mddlx., Eng. ; palace ; p. 6,850. 51.25 N., 0.24 W.
Hampton, bathing res., Virginia, U.S. ; p. 3,700. 37.00 N., 76.26 W.
Hanau, tn., Hesse Nassau, Prussia ; p. 29,950. 50.09 N., 8.55 E.
Hangchow, cy., Chekiang, China ; silk ; p. 350,000. 30.15 N., 120.16 E.
Hankow, riv. port, Hupeh, China ; tea ; p. 820,000. 30.35 N., 114.18 E
Hanley, tn., Staffs, Eng. ; pottery ; p. 68,831. 53.02 N., 2.12 W.
Hannibal, cy., Missouri, U.S. ; rly. cent. ; p. 12,780. 39.40 N., 91.24 W.
Hanoi, cap. Tongking, Fr. Indo-China ; p. 150,000. 21.00 N., 105.42 E.
Hanover, prov., Prussia ; a. 14,833 sq. m., p. 2,759,544. 52.38 N., 8,55 E.
Hanover, cap. of above ; foundries ; mnfs. ; p. 250,024. 52.23 N., 9.42 E.
Hanyang, tn., Hupeh, China ; ironwks. ; p. 420,000. 30.35 N., 114.05 N.
Haparanda, spt., Sweden, on G. of Bothnia ; p. 1,350. 65.52 N., 24.03 E.
Harar, tn., Abyssinia, E. Africa ; p. 40,000. 9.9. N., 42.18 E.
Harbin, tn., Manchuria, on Sungari R. ; p. 30,000. 45.30 N., 126.35 E.
Harbour Grace, port of entry, Newfoundland ; p. 5,550. 47.22 N., 55.25 W.

Harburg, spt., w. pl., Hanover, Prussia ; p. 55,676. 53.28 N., 9.59 E.
Hardanger Fjord, inlet, Norway ; 68 m. long. 60.20 N., 6.10 E.
Hardwar, tn., United Provs., India ; p. 29,450. 29.55 N., 78.07 E.
Harfleur, tn., Seine-Inf., France ; sugar ; p. 2,750. 49.29 N., 0.17 E.
Harlingen, spt., Holland, on Zuider Zee ; p. 10,350. 53.10 N., 5.24 E.
Harris, S. part of Lewis I., Hebrides, Scotland. 57.52 N., 6.50 W.
Harrisburg, cap. Penn., U.S. ; arsnl. ; p. 55,735. 40.15 N., 76.54 W.
Harrismith, tn., Orange F. State ; p. 8,400. 28.22 S. 29,04 E.
Harrogate, w. pl., W.R. Yorks, Eng. ; p. 28,650. 54.00 N., 1.33 W.
Harrow, tn., Mddlx., Eng. ; famous school ; p. 10,350. 51.34 N., 0.20 W.
Hartford, cap., Conn., U.S. ; fire-arms ; p. 95,822. 41.42 N., 72.42 W.
Hartlepool, spt., w. pl., Durham, Eng. ; p. 22,850. 54.42 N., 1.11 W.
Harwich, spt., w. pl., Essex, Eng. ; fish ; p. 10,180. 51.51 N., 1.17 E.
Harz Mts., range, Cent. Ger. ; pk. 3,740 ft. 51.41 N., 10.37 E.
Haslingden, mnfg. tn., Lancs, Eng. ; cotton ; p. 18,655. 53.43 N., 2.20 W.
Hasselt, cap. Limburg, Belgium ; p. 15,560. 50.56 N., 5.20 E.
Hastings, mkt., tn., w. pl., Sussex, Eng. ; p. 68,165. 50.52 N., 0.36 E.
Hatfield, mkt. tn., Herts, Eng. ; Hatfield Ho. ; p. 4,785. 51.47 N., 0.14 W.
Hathras, tn., United Provs., Br. India ; p. 42,000. 27.38 N., 78.15 E.
Hatteras, Cape, N. Carolina, U.S., on E. coast. 35.14 N., 75.32 W.
Hauraki Gulf, inlet, North I., N.Z. ; 70 m. long. 36.20 S., 175.10 E.
Hauran, upland, Syria, E. of R. Jordan. 32.45 N., 36.20 E.
Haute-Garonne, dep., France ; a. 2,428 sq. m., p. 442,065. 43.20 N., 1.00 E.
Haute-Loire, dep., France ; a. 1,915 sq. m., p. 314,770. 45.10 N., 3.50 E.
Haute-Marne, dep., France ; a. 2,402 sq. m., p. 221,724. 48.10 N., 5.10 E.
Haute-Saône, dep., France ; a. 2,061 sq. m., p. 263,890. 47.40 N., 6.10 E.
Haute-Savoie, dep., France ; a. 1,666 sq. m., p. 269,617. 46.00 N., 6.25 E.
Haute-Vienne, dep., France ; a. 2,130 sq. m., p. 385,732. 45.50 N., 1.15 E.
Hautes-Alpes, dep., France ; a. 2,158 sq. m., p. 107,498. 44.40 N., 6.20 E.
Hautes Pyrénées, dep., France ; a. 1,749 sq. m., p. 209,397. 43.00 N., 0.10 E.
Havana, spt., cap. of Cuba ; com. centre ; p. 297,160. 23.10 N., 82. 22 W.
Havant, mkt. tn., Hants, Eng. ; tanning ; p. 3,855. 50.52 N., 0.59 W.
Haverfordwest, spt., mkt. tn., Pembroke, Wales ; p. 6,050. 51.48 N., 4.58 W.
Haverhill, cy., Mass., U.S. ; mnfs. boots ; p. 41,242. 42.44 N., 71.08 W.
Havre, imp. fort., spt., Seine-Inf., France ; p. 132,430. 49.29 N., N., 0.06 E.
Hawaii, volc. isl., N. Pacific ; a. 4,210 sq. m., p. 47,000. 19.30 N., 155.30 W.
Hawaii (Sandwich) Is., N. Pac. ; a. 6,564 sq. m., p. 175,000. 20.00 N., 156.00 W.
Hawarden, mkt. tn., Fnt, Wales ; earthenw. ; p. 5,395. 53.11 N., 3.01 W.
Hawick, mnfg. tn., Roxburgh, Scot. ; tweeds ; p. 17,500. 55.26 N., 2.48 W.
Hawkes' Bay, dist., N.I., N.Z. ; a. 4,765 sq. m., p. 42,250. 39.48 S., 176. 28 E.
Hawkesbury, riv. New S. Wales ; 330 m. long. 33.25 S., 151.06 E.
Hayti (San Domingo), isl., rep., W. Ind. ; p. 2,029,700. 19.00 N., 71.00 W.
Hazleton, cy., Penn., U.S. ; ironworks ; p. 15,771. 40.58 N., 75.59 W.
Heanor, tn., Derby, Eng. ; coal-pits ; p. 16,350. 53.01 N., 1.22 W.
Heart's Content, spt., Newfoundland ; p. 1,100. 47.50 N., 53.20 W.
Hebburn, tn., Durham, Eng. ; chemicals ; p. 21,000. 54.58 N., 1.31 W.
Hebden Bridge, tn., W.R. Yorks, Eng. ; mnfs. ; p. 7,560. 53.45 N., 2.00 W.
Hebrides (Western Is.), W. coast Scot. ; p. 100,000. 57.45 N., 6.50 W.
Heckmondwike, mkt. tn., W.R. Yorks, Eng. ; mnfs. ; p. 9,540. 53.43 N., 1.40 W.
Hecla, Mount, volc., Iceland ; 5,102 ft. high. 64.00 N., 19.42 W.
Heidelberg, anc. cy., Baden, Ger. ; univ. ; p. 49,527. 49.24 N., 8.42 E.
Heilbronn, tn., Würtemberg, Ger. ; mnfs. ; p. 40,004. 49.08 N., 9.13 E.
Hejaz, El, Turkish prov., on Red Sea ; p. 300,000. 25.00 N., 40.00 E.
Helder, The, fort. spt., N. Holland ; arsenal ; p. 28,259. 52.57 N., 4.45 E.
Helena, cap. Montana, U.S. ; mining cent. ; p. 16,770. 46.36 N., 112.11 W.
Helensburgh, w. pl., Dumbarton, Scot. ; p. 8,584. 56.00 N., 4.43 W.
Heligoland, fort, Ger. isl., North Sea ; 1 m. long ; p. 2,329. 54.11 N., 7.53 E.
Hellevoetsluys, fort. spt., S. Holland ; p. 4,375. 51.50 N., 4.07 E.
Hellin, tn., Murcia, Spain ; sulphur ; p. 12,850. 38.29 N., 1.38 W.
Helmand, riv., Afghanistan ; 680 m. long. 31.00 N., 61.50 E.

Helsingborg, spt., S. Sweden ; good harb. ; p. 32,432. 56.02 N., 12.42 E.
Helsingfors, fort. spt., cap. Finld. ; nav. sta. ; p. 130,844. 60.14 N., 24.57 E.
Helvellyn, mt., Cumberland, Eng. ; 3,118 ft. 54.32 N., 3.02 W.
Hemel Hempstead, mkt. tn., Herts, Eng. : p. 11,365. 51.46 N., 0.28 W.
Henley-on-Thames, tn. ; Oxford, Eng. ; regatta ; p. 6,000. 51.32 N., 0.54 W.
Herat, fort. cy., Afghanistan ; silks ; p. 40,000. 34.26 N., 62.08 E.
Hérault, dep., France ; a. 2,393 sq. m., p. 482,779. 43.30 N., 3.20 E.
Hereford, co. tn., Hereford, Eng. ; mnfs. ; p. 21,500. 52.03 N., 2.43 W.
Herefordshire, co., Eng. ; a. 840 sq. m., p. 114,650. 52.10 N., 2.45 W.
Herford, tn., Westphalia, Prussia ; mnfs. ; p. 25,350. 52.07 N., 8.40 E.
Herisau, tn., Appenzell, Switz. ; cotton ; p. 13,560. 47.23 N., 9.17 E.
Heristal, tn., Liége, Belgium ; iron ; p. 18,250. 50.41 N., 5.38 E.
Hermannstadt, tn., Hungary ; tanning ; p. 29,850. 45.48 N., 24.08 E.
Hermon, Mount, Peak, Syria ; 9,150 ft. high. 33.26 N., 35. 50 E.
Hermosillo, cap. Sonora, Mexico ; p. 18,000. 22.23 N., 110.58 W.
Herne Bay, w. pl., Kent, Eng. ; p. 6,760. 51.22 N., 1.08 E.
Hertford, co. tn., Herts, Eng. ; agric. ; p. 11,360. 51.48 N., 0.05 W.
Hertfordshire, co., Eng. ; a. 635 sq. m., p. 250,650. 51.45 N., 0.15 W.
Herzegovina, prov., Austria ; a. 3,500 sq. m., p. 220,000. 43.20 N., 18.00 E.
Hesse-Darmstadt, grand duchy, Ger. ; p. 1,209,175. 50.15 N., 9.00 E.
Hesse-Nassau, prov., Prussia ; a. 5,943 sq. m., p. 2,070,052. 50.25 N., 8.06 E.
Hexham, anc. tn., Northumb, Eng. ; mnfs. ; p. 7,125. 54.58 N., 2.07 W.
Heywood, tn., Lancs, Eng. ; iron, cotton ; p. 25,600. 53.35 N.,2.14 W.
Hildesheim, tn., Hanover, Prussia ; cath. ; p. 43,250. 52.08 N., 9.58 E.
Hillah, tn., As. Turkey ; near site of Babylon ; p. 12,000. 32.28 N., 44.29 E.
Hilversum, mkt. tn., N. Holland ; p. 19,650. 52.13 N., 5.11 E.
Himalaya Mts., great ranges, N. of India ; pk. 29,002 ft. 31.00 N., 80.00 E.
Hinckley, mnfg. tn., Leics, Eng. ; hosiery ; p. 11,500. 52.33 N., 1.23 W.
Hindley, tn., Lancs, Eng. ; coal, cotton ; p. 23,750. 53.32 N., 2.34 W.
Hindu Kush, mts., Afghanistan ; pk. 23,000 ft. 35.50 N., 70.30 E.
Hindustan, name improperly applied to all India. 24.00 N., 80.00 E.
Hiroshima, cy., spt., Honshiu, Japan ; p. 142,763. 34.30 N., 132.30 E.
Hirschberg, tn., Silesia, Prussia ; mnfs. ; p. 17,920. 50.53 N., 15.43 E.
Hissar, cap. H. prov., Bokhara ; swords ; p. 11,000. 38.05 N., 69.03 E.
Hitchin, mkt. tn., Herts, Eng. ; rly. junc. ; p. 10,150. 51.57 N., 0.17 W.
Hitteren, isl., off W. coast Norway ; a. 203 sq. m., p. 2,600. 63.30 N., 8.50 E.
Hjelmar, lake, Sweden ; 40 m. long, 15 m. wide. 59.12 N., 15.42 E.
Hobart, cap. Tasmania ; harbour ; mnfs. ; p. 24,655. 42.53 S., 147.20 E.
Hoboken, cy., New Jersey, U.S. ; shipping ; p. 66,689. 40.48 N., 74.00 W.
Hochstetter, mt., South I., N.Z. ; 11,200 ft. high. 42.29 S., 172.08 E.
Hodeida, spt., Arabia, on Red Sea ; p. 25,000. 14.36 N., 43.04 E.
Hódmezö Vásárhely, tn., Csongrad, Hungary ; p. 61,500. 46.27 N. 20.22 E.
Hof, tn., Bavaria, on R. Saale ; p. 36,417. 50.19 N., 11.54 E.
Hohenlinden, vil., Bavaria ; battle 1,800. 48.09 N., 11.59 E.
Hohenzollern, prov., Prussia ; a. 441 sq. m., p. 68,282. 48.15 N., 9.10 E.
Hokitika, spt., W. coast South I., N.Z. ; p. 2,100. 42.36 S., 170.58 E.
Holland, country, W. Eur. ; a. 12,630 sq. m., p. 5,825,198. 52.30 N., 6.30 E.
Holy I., small isl., Northumb, Eng. ; p. 410. 55.42 N., 1.48 W.
Holyhead, spt., Anglesey, Wales ; rope ; p. 10,100. 53.18 N., 4.39 W.
Holyhead I., W. of Asey., Wales ; 8 m. by 3½ m. ; p. 9,625. 53.18 N., 4.37 W.
Holyoke, cy., Mass., U.S. ; paper mills ; p. 50,778. 42.11 N., 72.36 W.
Holywell, tn., Flint, Wales ; famous well ; p. 2,675. 53.17 N., 3.13 W.
Homburg, w. pl., Hesse Nassau, Prussia ; p. 9,655. 50.55 N., 7.31 E.
Homildon Hill, eminence, Northumb, Eng. ; battle 1402. 55.33 N., 2.04 W.
Homs (Hems), cy., Syria ; breeds horses ; p. 70,000. 33.46 N., 36.46 E.
Honan, cent. prov., China ; a. 55,987 sq. m., p. 35¼ mil. 34.00 N., 113.00 E.
Honduras, repub., C. Amer. ; a. 46,250 sq. m., p. 500,136. 14.50 N., 87.00 W
Honfleur, spt., Calvados, France ; p. 975. 49.25 N., 0.14 E.
Hong-kong, Br. isl., S. China ; a. 30 sq. m., p. 329,650. 22.15 N., 114.12 E.
Honiton, mkt. tn., Devon, Eng. ; butter, lace ; p. 3,295. 50.48 N., 3.11 W.

Honolulu, spt., cap. Hawaii Is., on Oan isl. ; p. 39,500. 21.30 N., 158.00 W.
Hooghly, riv., Bengal, a mouth of the Ganges. 21.40 N., 87.50 E.
Hooghly, cy., Bengal, on H. river ; p. 29,500. 22.57 N., 88.19 E.
Hook of Holland, packet sta., South Holland. 51.56 N., 4.05 E.
Hooker, Mount, pk., Rocky Mts., Canada ; 10,500 ft. 52.00 N., 118.00 W.
Hoorn, decaying spt., N. Holland ; p. 10,760. 52.36 N., 5.04 E.
Hörde, tn., Westphalia, Prussia ; iron ; p. 25,450. 51.30 N., 7.30 E.
Horn, Cape, S. America, the most S. point. 55.55 S., 7.40 W.
Horncastle, mkt. tn., Lincs, Eng. ; corn ; p. 4,060. 53.13 N., 0.07 W.
Hornsea, w. pl., E.R. Yorks, Eng. ; p. 2,390. 53.55 N., 0.10 W.
Horsens, spt., Denmark, on H. fiord ; p. 22,327. 55.52 N., 9.50 E.
Horsham, mkt. tn., Sussex, Eng. ; corn ; p. 10,810. 51.03 N., 0.20 W.
Horwich, tn., Lancs, Eng. ; cotton ; p. 15,175. 53.36 N., 2.34 W.
Hoshangabad, tn., United Provs., Br. India ; p. 13,500. 22.40 N., 77.51 E.
Houghton-le-Spring, tn., Durham, Eng. ; coal ; p. 7,878. 54.48 N., 1.30 W.
Hounslow, tn., Middlx., Eng. ; mil. barracks ; p. 11,500. 51.28 N., 0.22 W.
Houston, co. cap., Texas, U.S. ; rly. centre ; p. 58,132. 29.46 N., 95.24 W.
Howran, tn., Bengal ; rly. terminus ; p. 157,800. 22.43 N., 88.21 E.
Howth, pen., hill, Ire. ; on N. side Dublin Bay. 53.23 N., 6.03 W.
Hoy, isl., Orkney Is., Scot. ; a. 53 sq. m., p. 1,230. 58.50 N., 3.18 W.
Hoylake, w. pl., Cheshire, Eng. ; golf links ; p. 11,000. 53.23 N., 3.12 W.
Hubli, tn., Bombay ; cotton mart ; p. 60,500. 15.18 N., 75.11 E.
Huddersfield, tn., W.R. Yorks, Eng. ; woollens ; p. 94,739. 53.39 N., 1.47 W.
Hudson, riv., New York, U.S. ; 350 m. long. 41.50 N., 73.58 W.
Hudson, cap. co., New York, U.S. ; mnfs. ; p. 10,290. 42.12 N., 73.51 W.
Hudson Bay, inland sea, N. Amer. ; 1,300 m. long. 60.00 N., 87.00 W.
Hué, cap. Annam, Fr. Indo-China ; p. 50,000. 16.24 N., 107.32 E.
Huelva, spt., cap. H. prov., Spain ; fishing ; p. 21,000. 37.11 N., 6.52 W.
Huesca, cap. H. prov., Spain ; Gothic cath. ; p. 12,000. 42.07 N., 0.18 W.
Hugh Town, cap. Scilly Is., on St. Mary I. 49.55 N., 6.19 W.
Hull, grt. spt., E.R. Yorks, Eng. ; fisheries ; p. 275,552. 53.45 N., 0.20 W.
Hull, co. cap., Quebec, Canada, opp. Ottawa ; p. 14,000. 45.23 N., 75.46 W.
Humber, estuary of Ouse and Trent rivs., E. coast, Eng. 53.33 N., 0.5 W.
Hunan, prov., Cent. China ; a. 83,398 sq. m., pop 2 mil. 34.00 N., 113.00 E.
Hungary, kgdm., Cent. Eur. ; a. 124,633 sq. m., p. 20 mil. 47.30 N., 21.00 E.
Hunstanton, w. pl., Norfolk, Eng. ; fishing ; p. 1,910. 52.57 N., 0.31 E.
Huntingdon, co. tn., Huntgdn., Eng. ; brewing ; p. 4,285. 52.20 N., 0.11 W.
Huntingdonshire, co. Eng. ; a. 366 sq. m., p. 58,000. 52.29 N., 0.15 W.
Huntly, tn., Aberdeen, Scot. ; castle rns. ; p. 4,150. 57.27 N., 2.47 W.
Hupeh, prov., Cent. China ; a. 71,430 sq. m., p. 35¼ mil. 31.00 N., 113.00 E.
Huron, great lake, Canada and U.S. ; a. 23,800 sq. m. 45.00 N., 82.30 W.
Huy, tn., Liége, Belgium ; iron, coal ; p. 14,740. 50.32 N., 5.15 E.
Hwang-ho (Yellow R.), large riv., N. China ; 2,400 m. 34.00 N., 119.45 E.
Hyde, mnfg. tn., Cheshire, Eng. ; cotton ; p. 32,875. 53.27 N., 2.05 W.
Hyderabad (Nizam's Dom.), state, S. India ; p. 11¼ mil. 17.50 N., 78.40 E.
Hyderabad, cap. of above, on Musiriv. ; palace ; p. 448,466. 17.18 N., 78.30 E.
Hyderabad, cap. Sind, Br. India ; p. 449,000. 25.00 N., 68.35 E.
Hydra, isl., spt., Greece, in Ægean Sea ; isl. p. 7,000. 37.19 N., 23.28 E.
Hyères, tn., invalid resort, Var. France ; p. 17,820. 43.07 N., 6.05 E.
Hyères, isls., Mediterranean, off S. coast France. 43.00 N., 6.15 E.
Hythe, mkt. tn., Kent, Eng. ; musketry sch. ; p. 5,570. 51.05 N., 1.05 E.

Ibadan, chf. commer. cy., Yoruba, W. Africa ; p. 200,000. 7.24 N., 3.48 E.
Iceland, Danish isl., N. Atlantic ; p. 78,750. 65.00 N., 18.00 W.
Ichang, treaty port, Hupeh, China ; p. 55,000. 30.48 N., 111.10 E.
Ida, mt. range, Asia Minor ; pk. 5,749 ft. 39.42 N., 26.50 E.
Idaho, state, U.S. ; a. 84,800 sq. m., p. 273,000. 43.00 N., 110.00 W.
Idria, tn., Carniola, Austria ; quicksilver ; p. 5,795. 46.00 N., 14.01 E.
Iglau, second largest tn., Moravia, Austria ; p. 24,750. 49.23 N., 15.35 E.

Iletzk, tn., Orenburg Russia ; salt-bed ; p. 9,810. 51.05 N., 53.27 E.
Ilfracombe, w. pl., Devon, Eng. ; p. 8,590. 51.12 N., 4.07 W.
Ili, riv., Cent. Asia, enters L. Balkash ; 1,000 m. 45.00 N., 75.30 E.
Ilkeston, mkt. tn., Derby, Eng. ; hosiery ; p. 25,650. 52.58 N., 1.20 W.
Ilkley, w. pl., W.R. Yorks, Eng. ; hydros. ; p. 7,475. 53.55 N., 1.50 W.
Ille-et-Vilaine, dep., France ; a. 2,596 sq. m., p. 611,805. 48.10 N., 1.40 W.
Illimani, chf. pk. Andes, Bolivia ; 21,150 ft. high. 16.30 S., 67.58 W.
Illinois, state, U.S. ; a. 56,650 sq. m., p. 5,418,670. 40.00 N., 89.30 W.
Ilmen, lake, N.W. Russia ; a. 354 sq. m. 58.15 N., 31.30 E.
Ilmenau, tn., sum. res., Saxe-Weimar, Ger. ; p. 10,500. 50.41 N., 10.54 E.
Iloilo, spt., tn., cap. Panay, Philippines ; p. 19,060. 10.42 N., 122.34 E.
Ilorin, tn., S. Nigeria, W. Africa ; p. 75,000. 8.30 N., 4.30 E.
Imbros, Turkish isl., Ægean Sea ; a. 98 sq. m., p. 9,200. 40.10 N., 25.50 E.
Imola, picturesque tn., Bologna, Italy ; cath. ; p. 33,210. 44.21 N., 11.43 E.
Inchcolm, islet, Scot., in F. of Forth ; abbey ruins. 56.02 N., 3.18 W.
Inchkeith, fort. islet, Scot., in F. of Forth ; p. 58. 56.02 N., 3.08 W.
India, Br. emp., Asia ; a. 1,766,650 sq. m., p. 294,361,056. 22.00 N., 80.00 E.
India Ocean, extends from S. Asia to S. Polar Sea. 20.00 S., 80.00 E.
Indian Territory, U.S., now absorbed in Oklahoma. 35.20 N., 97.00 W.
Indiana, state, U.S. ; a. 36,350 sq. m., p. 2,712,549. 40.00 N., 86.00 W.
Indianapolis, cap. Indiana, U.S. ; p. 233,150. 39.46 N., 86.06 W.
Indo-China (Furth. Ind.), most E. of 3 pens. of Asia. 15.00 N., 105.00 E.
Indore, cy., cap. I. state, Cent. India ; p. 11,600. 22.41 N., 75.46 E.
Indre, dep., France ; a. 2,623 sq. m., p. 290,216. 46.50 N., 1.30 E.
Indre-et-Loire, dep., Fr. ; a. 2,360 sq. m., p. 337,916. 47.16 N., 0.45 E.
Indus, riv., India, rises in Tibet ; 1,800 m. long. 28.40 N., 70.00 E.
Ingleborough, mt., W.R. Yorks, Eng. ; 2,373 ft. high. 54.10 N., 2.24 W.
Ingolstadt, fort. tn., Bavaria ; two castles ; p. 23,531. 48.47 N., 11.25 E.
Inhambane, tn., dist. cap., Port. E. Africa ; p. 3,335. 23.57 S., 35.06 E.
Inkerman, vil., Crimea, Russia ; battle 1854. 44.33 N., 33.34 E.
Inn, most imp. trib. of Danube, Cent. Europe ; 317 m. 48.17 N., 13.10 E.
Innerleithen, tn., Peebles, Scot. ; woollens ; p. 2,195. 55.39 N., 3.05 W.
Innsbruck, cap. Tyrol, Austria, on Inn R. ; p. 41,500. 47.17 N., 11.24 E.
Inowrazlaw, tn., Posen, Prussia ; salt ; p. 26,250. 52.47 N., 18.15 E.
Insterburg, tn., E. Prussia ; mnfs. ; p. 27,900. 54.37 N., 21.50 E.
Interlaken, vil., tourist res., Switz., in Aar valley. 46.42 N., 7.54 E.
Inveraray, co. tn., Argyll, Scot. ; castle ; p. 685. 56.14 N., 5.04 W.
Invercargill, tn., spt., South I., N.Z. ; mnfs. ; p. 14,804. 46.26 S., 168.23 E.
Inverness, co. tn., Invern., Scot. ; cath. ; mnfs. ; p. 23,250. 57.28 N., 4.13 W.
Inverness-shire, co., Scot. ; a. 4,323 sq. m., p. 90,500. 57.00 N., 4.40 W.
Inverurie, tn., Aberdeen, Scot. ; p. 3,645. 57.17 N., 2.23 W.
Iona, isl., Hebrides, Scot., off S.W. Mull ; p. 220. 56.19 N., 6.29 W.
Ionian Is., group, off S. and W. coast Greece ; p. 270,000. 38.30 N., 20.30 E.
Iowa, state, U.S. ; a. 56,025 sq. m., p. 2,205,690. 42.00 N., 93.30 W.
Iowa City, former cap. Iowa, U.S. ; univ. ; p. 8,150. 41.39 N., 91.29 W.
Ipswich, co. tn., spt., Suffolk, Eng. ; ironwk. ; p. 74,889. 52.04 N., 1.10 E.
Ipswich, tn., Queensland ; coal mining ; p. 15,246. 27.39 S., 152.46 E.
Iquique, spt., cap. Tarapacá, Chile ; p. 40,171. 20.10 S., 70.11 W.
Irak-Ajemi, prov., Persia ; a. 138,190 sq. m., p. 1 mil. 34.00 N., 49.00 E.
Irak-Arabi, S.E. dist., As. Turkey ; p. 2 mil. 32.00 N., 46.00 E.
Ireland, country, Br. Isles ; a. 32,531 sq. m., p. 4¾ mil. 52.00 N., 10.00 W.
Irish Sea, between Ireland and England. 53.45 N., 5.45 W.
Irkutsk, cap. I. gov., Siberia ; tea trade ; p. 70,000. 52.20 N., 104.06 E.
Irrawaddy, chief riv., Burma ; nav. for 900 m. 16.30 N., 95.05 E.
Irtish, riv., Siberia, trib. of Obi R. ; 1,620 m. 60.30 N., 69.33 E.
Irvine, spt., Ayr, Scot. ; coal, iron ; p. 9,680. 55.36 N., 4.39 W.
Isar, riv., Bavaria, trib. of Danube riv. ; 220 m. 48.36 N., 12.19 E.
Ischia, isl., Italy, in Bay of Naples ; p. 27,500. 40.44 N., 13.55 E.
Ischl, w. pl., Up. Austria ; saline baths ; p. 9,750. 47.44 N., 13.37 E.
Iseo, L. di, lake, N. Italy ; a. 24 sq. m. 45.45 N., 10.03 E.

Isère, dep., France ; a. 3,200 sq. m., p. 502,315. 45.25 N., 5.25 E.
Iserlohn, tn., Westphalia, Prussia ; p. 27,500. 51.23 N., 7.42 E.
Ishpeming, cy., Mich., U.S. ; iron ore ; p. 11,623. 46.29 N., 87.40 W.
Islay, isl., Argyll, Scot. ; a. 246 sq. m., p. 6,890. 55.45 N., 6.15 W.
Islington, parl. bor., N. London ; p. 335,000. 51.32 N., 4.30 W.
Ismail, tn., riv. port, Bessarabia, Russia ; p. 31,500. 45.22 N., 28.50 E.
Ismailia, tn., Egypt, on Suez Canal ; p. 7,050. 31.03 N., 48.25 E.
Ispahan (Isfahan), cap. Irak Ajemi, Persia ; p. 80,000. 32.41 N., 51.42 N.
Issoudun, tn., Indre, France ; parchment ; p. 14,375. 46.57 N., 2.00 E.
Issy, vil., Seine, France ; battle 1815 ; p. 13,000. 45.03 N., 4.50 W.
Istria, pen. prov., Austria ; a. 1,812 sq. m., p. 344,750. 45.20 N., 13.55 E.
Italy, kgdm., S. Europe ; a. 110,657 sq. m., p. 34,270,000. 42.00 N., 14.00 E.
Ithaca (Thiaki), isl., Ionian Is. ; a. 37 sq. m., p. 12,250. 38.25 N., 20.40 E.
Ithaca, co. cap. New York, U.S. ; coal trade ; p. 14,615. 42.26 N., 76.34 W.
Itzehoe, tn., port, Schleswig, Prussia ; mnfs. ; p. 15,780. 53.55 N., 9.31 E.
Ivanovo, tn., Vladimir, Russia ; cotton cent. ; p. 64,630. 56.50 N., 41.05 E.
Iviza, isl., tn., most S.W. of Balearic Is. ; p. 23,780. 39.00 N., 1.25 E.
Ivory Coast, part of N. Guinea, W. Africa. 5.00 N., 5.00 W.

Jackson, cy., Mich., U.S. ; mills, foundries ; p. 25,300. 42.16 N., 84.26 W.
Jackson, cap. Mississippi, U.S. ; cotton ; p. 7,950. 32.17 N., 90.09 W.
Jackson, co. cap., Tenn., U.S. ; univ. ; p. 14,850. 35.33 N., 88.42 W.
Jacksonville, co. cap., Flor., U.S. ; rly. cent. ; p. 36,675. 30.19 N., 81.51 W.
Jacksonville, co. cap., Ill., U.S. ; woollens ; p. 16,362. 39.41 N., 90.06 W.
Jaen, cy., cap. J. prov., Spain ; mnfs. linen ; p. 25,855. 37.47 N., 3.50 W.
Jaffa (Joppa), tn., S.E. coast Syria ; oranges ; p. 45,000. 32.02 N., 34.47 E.
Jaffna, spt., N. coast of Ceylon ; p. 45,000. 9.40 N., 79.59 E.
Jägerndorf, tn., Silesia, Austria ; mnfs. ; p. 14,855. 50.06 N., 17.44 E.
Jaipur, cap J. state, Rajputana, India ; p. 160,250. 26.54 N., 75.54 E.
Jaisailmer, tn., Afghanistan, nr. Kabul R. ; p. 3,000. 34.27 N., 70.28 E.
Jalalabad, cap. J. state, Rajputana, India ; p. 11,000. 26.54 N., 70.52 E.
Jalapa, cap. Vera Cruz, Mexico ; p. 19,250. 19.30 N., 96.54 W.
Jalisco, state, Mexico ; a. 38,840 sq. m., p. 1,153,900. 20.30 N., 104.00 W.
Jaina, tn., Hyderabad, India ; p. 16,350. 19.48 N., 75.54 E.
Jamaica, isl., Br. W. Indies ; a. 4,193 sq. m., p. 848,656. 18.10 N., 77.20 W.
James, riv., Virginia, U.S. ; 450 m. long. 37.00 N., 76.40 W.
James Bay, gulf, N. Amer., arm of Hudson B. ; 250 m. long. 53.30 N., 81.00 W.
Jamestown, tn., New York, U.S. ; woollens ; p. 26,160. 42.07 N., 79.17 W.
Jammu, cap. of J. prov., Kashmir ; palace ; p. 36,350. 32.44 N., 74.49 E.
Jan Mayen, volc. isl., Arctic Ocean ; 35 m. long. 71.00 N., 8.00 W.
Janesville, cy., Wis., U.S. ; various mills ; p. 13,887. 42.40 N., 89.00 W.
Janina, tn., Albania, Turkey ; gold lace ; p. 26,000. 39.47 N., 20.55 E.
Japan, isl. empire, E. Asia ; a. 147,655 sq. m., p. 49½ mil. 35.00 N., 142.00 E.
Japan, Sea of, inland sea, to E. of Asia. 38.00 N., 137.00 E.
Jaroslav (Yaroslav), cap. J. gov., Russia ; p. 71,625. 57.36 N., 40.12 E.
Jarrow, spt. tn., Durham, Eng. ; shpbldg. ; p. 34,500. 54.54 N., 1.30 W.
Jassy, cap. Moldavia, Roumania ; univ. ; p. 80,000. 47.10 N., 27.37 E.
Jaunpur, cap. of dist., United Provs., Br. Ind. ; p. 43,000. 25.44 N., 82.34 E.
Java, volc. isl., Dutch E. Indies ; coffee ; p. 28,900,000. 7.10 S., 110.00 E.
Jedburgh, co. tn., Roxburgh, Scot. ; woollens ; p. 3,156. 55.29 N., 2.23 W.
Jeffersonville, cy., Indiana, U.S. ; foundries ; p. 12,000. 38.19 N., 85.40 W.
Jeisk (Eisk), tn., Kuban, Russia ; mnfs. ; p. 38,500. 46.38 N., 38.18 E.
Jeletz (Eletz), tn., Orel, Russia ; mnfs. ; p. 36,565. 52.34 N., 38.00 E.
Jemappes, tn., Hainaut, Bel. ; battle 1792 ; p. 12,820. 50.27 N., 3.52 E.
Jena, tn., Saxe-Weimar, Ger. ; univ. ; p. 26,360. 50.54 N., 11.35 E.
Jersey, chief isl., Channel Is. ; a. 45 sq. m., p. 52,890. 49.13 N., 2.07 W.
Jersey City, co. cap., N. Jers., U.S. ; iron, coal ; p. 237,952. 40.44 N., 74.06 W.
Jerusalem, famous cy., cap. Palestine ; p. 70,000. 31.47 N., 35.15 E.
Jhansi, fort. tn., Gwalior, Cent. India ; p. 55,560. 25.37 N., 78.35 E.

Jhelum (Jehlam), riv., Punjab, India ; 450 m. long. 34.00 N., 73.27 E.
Jibuti, port, Fr. Somaliland, E. Africa ; p. 11,000. 11.42 N., 43.30 E.
Jiddah (Jehdah), spt., Hedjaz, Arabia ; p. 25,000. 21.30 N., 39.22 E.
Jodhpur, cap. J. state, Rajputana, India ; p. 60,850. 26.20 N., 72.30 E.
Johannesburg, chf. tn., mining cent., Transv. ; p. 180,687. 26.12 S., 28.6 E.
Johnstone, mnfg. tn., Renfrew, Scot. ; flax cttn. ; p.11,450. 55.51 N., 4.31 W.
Johnstown, tn., Penn., U.S. ; ter. flood 1889 ; p. 43,250. 40.19 N., 78.57 W.
Johore, cap. J. state, Malay Pen. ; free pt. ; p. 15,000. 1.42 N., 104.00 E.
Jokjakarta, cy., Java, cap. of a residency ; p. 58,000. 7.48 S., 110.28 E.
Joliet, co. cap., Ill., U.S. ; quarries, flour ; p. 32,185. 41.30 N., 88.03 W.
Jönköping, cap. J. co., Sweden ; safety mchs. ; p. 24,531. 57.47 N., 14.12 E.
Joplin, tn., Missouri, U.S. ; lead, zinc ; p. 35,671. 37.04 N., 94.30 W.
Jordan, chief riv. of Palestine ; over 100 m. long. 32.00 N., 35.35 E.
Juan Fernandez, isls. of Chile, 420 m. W. of Valparaiso. 33.42 S., 78.45 W.
Jub (Juba), great riv., E. Africa, flows to Indian Ocean. 1.00 N., 42.48 E.
Jubbulpore, tn., Cent. Provs., Ind. ; rly. junc. ; p. 90,000. 23.06 N., 80.00 E.
Jujuy, cap. J. prov., Argentina ; sugar refining ; p. 6,250. 23.53 S., 66.00 W.
Jullundur, anc. cy., Punjab, Br. India ; p. 70,000. 31.19 N., 75.28 E.
Jumet, tn., Hainaut, Belgium ; ironworks ; p. 26,250. 50.24 N., 4.25 E.
Jumna, riv., India, chief trib. of Ganges R., 860 m. 25.20 N., 81.37 E.
Junagarh, cap. of J. st., Kathiawar, Bomb. ; p. 24,500. 21.29 N., 70.22 E.
Juneau, tn., Alaska, on route to Klondike ; p. 3,000. 43.23 N., 88.39 W.
Jungbunzlau, tn., Bohemia, Austria ; p. 13,650. 50.25 N., 14.54 E.
Jungfrau, peak of Bernese Alps, Switz. ; 13,671 ft. 46.32 N., 7.58 E.
Jura, isl., Argyll, Scot. ; sheep farming ; p. 570. 55.57 N., 5.55 W.
Jura, mt. range, between France and Switzerland. 47.00 N., 6.30 E.
Jura, dep., E. France ; a. 1,928 sq. m., p. 257,725. 46.45 N., 5.40 E.
Jutland, pen., pt. of Denm. ; a. 9,754 sq. m., p. 1,064,000. 56.30 N., 9.20 E.

Kabinda, tn., Port. W. Africa, pop. 8,000. 5.18 S., 12.12 E.
Kabul, cap. Afghan., on K. riv. ; siege 1842 ; p. 90,000. 34.23 N., 69.00 E.
Kabul, riv., Afghanistan, trib. of Indus ; 270 m. 34.20 N., 70.50 E.
Kaffa (Theodosia), spt., Crim., Russ. ; mnfs. ; p. 27,500. 45.04 N., 35.25 E.
Kafiristan, mtns. reg., Cent. Asia ; a. 5,000 sq. m., p. 200,000. 35.30 N., 72.00 E.
Kagoshima, tn., Japan, on Kiu-shiu I. ; cotton ; p. 63,640. 31.33 N., 130.38 E.
Kaifeng, cap. Honan, China ; Jews settmt. ; p. 100,000. 34.53 N., 114.40 E.
Kaikoura Mts., range, South I., New Zealand. 42.06 S., 173.30 E.
Kaipara Harb., exten. inlet, W. est. North I., N.Z. 36.25 S., 174.06 E.
Kairwan, decayed tn., Tunis ; Mecca of N. Africa ; p. 26,000. 35.40 N., 10.03 E.
Kaisarieh, tn., Asia Minor ; saltpetre wks. ; p. 72,000. 38.41 N., 35.19 E.
Kaiser Wilhelm's Land, Ger. colony, New Guinea. 5.00 S., 143.00 E.
Kaiserlautern, tn., Bavarian Palat. ; mnfs. ; p. 52,306. 49.26 N., 7.46 E.
Kalahari Desert, vast tract, S. Africa ; 600 m. long. 27.20 S., 21.00 E.
Kalamata, spt., S. Greece, on G. of Koron ; p. 15,397. 37.02 N., 22.07 E.
Kalamazoo, co. cap., Mich., U.S. ; rly. junc. ; p. 29,782. 42.20. N., 85.37 W.
Kalát, cap. Baluchistan ; fortified ; p. 14,500. 28.54 N., 66.32 E.
Kalgan, tn., Chihli, China ; tea trade ; p. 70,000. 40.55 N., 114.58 E.
Kalgoorlie, tn., W. Australia ; gold min. cent. ; p. 6,954. 30.50 S., 121.30 E.
Kalisz, cap. K. gov., Russian Poland ; p. 24,418. 51.46 N. 18.09 E.
Kalmar, spt., cap. K. co., Swed. ; cath., castle ; p. 14,835. 56.39 N., 16.22 E.
Kalocsa, tn., Hungary ; cath., observatory ; p. 12,800. 46.31 N., 18.58 E.
Kalpi, tn., United Provs. ; battle 1858 ; p. 14,750. 26.06 N., 79.45 E.
Kaluga, cap. K. gov., Russia ; large trade ; p. 49,513. 54.32 N., 36.38 E.
Kama, riv., Russia ; chief trib. of Volga ; 1,000 m. 54.23 N., 51.00 E.
Kamakura, vil., health res., Honshiu, Japan. 35.12 N., 139.25 E.
Kamaran, Br. isl., Red Sea, off W. coast Arabia. 15.12 N., 42.42 E.
Kamchatka, pen., E. Siberia ; a. 465,590 sq. m., p. 7,500. 56.00 N., 159.00 E.
Kamenetz, cap. Podolsk, Russia ; two caths. ; p. 35,940. 48.42 N., 26.33 E.
Kamerun, Ger. col., W. Afr. ; a. 190,000 sq. m., p. 3,000,000. 5.00 N., 13.00 E.

Kampen, tn., Overyssel, Holland ; p. 19,850. 52.33 N., 5.55 E.
Kamtee, tn., Cent. Provs., Br. India ; p. 40,275. 21.15 N., 79.20 E.
Kamyshin, imp. shppg. prt., Russ., on Volga ; p. 16,000. 50.05 N., 45.18 E.
Kanauj, anc. cy., Agra and Oudh, Br. India ; p. 17,000. 27.05 N., 79.55 E.
Kanazawa, tn., Honshiu, Japan ; porcelain ; p. 110,995. 36.29 N., 136.42 E.
Kandahar, fort. cy., Afghanistan ; fruit ; p. 50,000. 31.36 N., 65.35 E.
Kandy, tn., Ceylon, palace rns., temple ; p. 26,650. 7.18 N., 80.41 E.
Kangaroo, isl., S. Australia ; 87 m. by 34 m. ; p. 400. 35.50 S., 137.20 E.
Kano, tn., N. Nigeria, W. Africa ; p. 100,000. 11.59 N., 8.19 E.
Kansas, state, U.S. ; a. 82,080 sq. m., p. 1,612,471. 38.40 N., 98.30 W.
Kansas City, cy., Miss., U.S. ; rly. terminus ; p. 182,376. 39.07 N., 94.38 W.
Kansas City, cy., Kans., U.S., pt. of above cy. ; p. 77,912. 39.10 N., 94.42 W.
Kansu, N.W. prov., China ; a. 125,455 sq. m., p. 10,385,376. 36.00 N., 105.00 E.
Kara, gold min. dist., E. Siberia, belonging to Czar. 54.00 N., 122.00 E.
Kara Sea, between Novaya Zemlya and Siberia. 69.30 N., 65.00 E.
Karachi, spt. tn., Sind, Br. India ; harb. ; p. 117,000. 24.53 N., 66.57 E.
Karakoram, mt. range and pass, Himalayas. 36.00 N., 76.00 E.
Karamnasa, riv., Bengal, trib. of Ganges ; 146 m. 24.34 N., 83.41 E.
Karategin, E. prov., Bokhara ; a. 8,310 sq. m., p. 100,000. 39.00 N., 71.00 E.
Karauli, cap. K. state, Rajputana, India ; p. 25,260. 26.27 N., 77.04 E.
Karikal, Fr. tn., India, on Coromandel coast ; p. 34,950. 10.34 N., 79.40 E.
Karlsburg, tn., fortress, Transylvania ; p. 11,995. 46.05 N., 23.34 E.
Karnal, cap. K. dist., Punjab, Br. India ; p. 22,950. 29.39 N., 76.57 E.
Karroo, Great, arid upland, Cape Colony. 33.06 S., 22.00 E.
Kars, fort. cy., Armenia, Russia ; p. 20,805. 40.36 N., 43.09 E.
Karshi, tn., Bokhara ; knives, firearms ; p. 25,000. 38.43 N., 68.00 E.
Kárún, only navigable riv. of Persia ; 250 m. long. 31.10 N., 48.30 E.
Kaschau, tn., Hungary ; cath. ; var. mnfs. ; p. 40,500. 48.42 N., 21.17 E
Kashan, tn., Persia ; mnfs. silks, carpets ; p. 35,000. 33.50 N., 51.47 E.
Kashgar, cap. E. Turkistan ; cottons, silks ; p. 60,000. 39.20 N., 76.04 E.
Kashmir, native state, N.W. of India ; p. 3 mil. 34.00 N., 74.50 E.
Kasr-el-Kebir, cy., Morocco ; battle 1578 ; p. 9,000. 35.00 N., 5.58 W.
Kassai, riv., Cent. Africa, trib. of Sankuru R. 16.00 S., 22.00 E.
Kassassin, canal lock, Suez, Egypt ; battle 1882. 30.34 N., 31.52 E.
Kastamuni, cap. K. prov., A. Minor ; castle ; p. 20,000. 41.23 N., 33.43 E.
Katanga, Br. tn., dist., Cent. Africa ; mission sta. 11.00 S., 27.18 E.
Kathiawar, pen., W. India ; a. 20,559 sq. m., p. 2¾ mil. 21.40 N., 71.00 E.
Katrine, Loch, lake, Perth, Scot. ; 8 m. long. 56.14 N., 4.27 W.
Kattowitz, tn., Silesia, Prussia ; mnfs. ; p. 31,960. 50.16 N., 19.02 E.
Kazan, cap. K. gov., Russia ; cath., arsenal ; p. 143,707. 55.47 N., 49.03 E.
Kazbek, mt., Caucasus, Russia ; 16,546 ft. 42.45 N., 44.35 E.
Kazvin, tn., Persia, imp. trade seat ; p. 35,000. 36.11 N., 49.56 E.
Kecskemet, tn., Hungary ; cattle fair ; p. 59,000. 46.54 N., 19.44 E.
Keewatin, dist., Canada ; a. 516,571 sq. m., p. 10,000. 59.00 N., 97.00 W.
Keighley, mkt. tn., W.R. Yorks, Eng. ; woollens ; p. 41,750. 53.52 N., 1.55 W.
Kei Is., group, Dutch E. Indies ; timber ; p. 20,000. 5.30 S., 133.00 E.
Keith, tn., Banff, Scot. ; mnfs. tweeds ; p. 4,780. 57.33 N., 2.57 W
Kells, tn., Meath, Ire. ; round tower ; p. 2,440. 53.43 N., 6.53 W.
Kelso, mkt. tn., Roxburgh, Scot. ; corn mkts. ; p. 4,025. 55.37 N., 2.26 W.
Kelung, coal port, West Formosa, Japan ; p. 1,300. 25.06 N., 121.46 E.
Kempten, tn., Bavaria, Ger. ; cotton ; p. 18,900. 47.43 N., 10.18 E.
Kendal, mkt. tn., Westmorland, Eng. ; mnfs. ; p. 14,250. 54.19 N., 2.46 W.
Keneh, cy., Up. Egypt ; mnfs. earthenware ; p. 27,500. 26.11 N., 32.45 E.
Kenia, Mt., snow-capped mt., Br. E. Africa ; 18,370 ft. 1.06 S., 37.25 E.
Kenilworth, mkt. tn., Warwick, Eng. ; castle ; p. 4,565. 52.22 N., 1.35 W.
Kennet, riv., Wilts, Eng. ; trout fishing ; 44 m. 51.25 N., 1.48 W.
Kensington, parl. bor., W. London ; p. 177,000. 51.29 N., 0.08 W.
Kent, marit. co., Eng. ; a. 1,555 sq. m., p. 936,000. 51.15 N., 0.35 E.
Kentucky, state, U.S. ; a. 40,400 sq. m., p. 2,320,298. 37.20 N., 85.00 W.
Kerbela, pilgrimage tn., As. Turkey ; p. 65,000. 32.35 N., 44.07 E.

Kerguelen Land (Desolation I.), isl., S. Indian Ocean. 50.00 S., 70.00 E.
Kermadec Is., Br. volc. grp., Pacific ; a. 13 sq. m. 30.40 S., 180.00 E.
Kerman, cap. K. prov., Pruss. ; mnfs. crpts. ; p. 60,000. 29.51 N., 56.24 E.
Kermanshah, tn., Persia ; mnfs. carpets ; p. 30,000. 34.19 N., 47.12 E.
Keroch, spt., Crimea, Russia ; grain ; p. 33,350. 45.22 N., 36.29 E.
Kerry, marit. co., Ire. ; a. 1,853 sq. m., p. 165,726. 52.00 N., 9.50 W.
Keswick, mkt. tn., Cumb., Eng. ; tourist res. ; p. 4,467. 54.36 N., 3.08 W.
Kettering, mkt. tn., Northants, Eng. ; boots ; p. 28,775. 52.24 N., 0.44 W.
Kew, par., Surrey, Eng. ; botanical gardens ; p. 2,500. 51.29 N., 0.18 W.
Key West, pt. entry, hlth. res., Florida, U.S. ; p. 21,174. 24.36 N., 81.48 W.
Khabarovsk, cap. Maritime Prov., Siberia ; p. 15,200. 47.05 N., 135.06 E.
Khaipur, cap. K. state, Sind, Bombay ; p. 134,000. 27.33 N., 68.34 E.
Khandesh, dist., India, at N. of Deccan. 21.00 N., 75.00 E.
Kharkof, cap. K. gov., Russ. ; univ. ; mnfs. ; p. 174,000. 49.59 N., 36.14 E.
Khartoum, chf. tn., E. Sudan ; com. cent. ; p. 20,956. 15.34 N., 32.31 E.
Khasi and Jaintia Hills, dist., E.B. and Assam, India. 27.30 N., 90.00 E.
Khatmandu, cap. Nepal, India ; p. 50,000. 27.43 N., 85.17 E.
Kherson, cap. K. gov., Russia ; timber, soap ; p. 59,250. 46.39 N., 32.32 E.
Khiva, cap. K. prov., Russia Cent. Asia ; p. 4,700. 41.30 N., 60.42 E.
Khodavendikiar, vilayet, As. Turkey ; p. 1,600,000. 39.00 N., 29.00 E.
Khoi, tn., Azerbijan, Persia ; battle 1514 ; p. 25,000. 38.33 N., 45.05 E.
Khojent, walled tn., Russ. Turkestan ; silk ; p. 31,881. 40.13 N., 69.22 E.
Khokand, tn., Ferghana, As. Russia ; p. 81,354. 40.20 N., 70.20 E.
Khorassan, prov., Persia ; a. 210,000 sq. m., p. 510,000. 34.40 N., 56.00 E.
Khotan (Ilchi), cy., E. Turkestan ; mnfs. ; p. 40,000. 37.04 N., 80.36 E.
Khurja, tn., United Provs., Br. India ; p. 29,350. 28.12 N., 77.54 E.
Khuzistan, prov., S.W. Persia ; wool ; p. 200,000. 31.10 N., 49.00 E.
Khyber (Khaiber) Pass, between India and Afghanistan. 34.14 N., 71.00 E.
Kiakhta, tn., Siberia, trade centre ; p. 10,000. 50.22 N., 106.50 E.
Kiangsi, prov., China ; a. 69,500 sq. m., p. 26½ mil. 28.00 N., 116.00 E.
Kiangsu, prov., China ; a. 40,150 sq. m., p. 14 mil. 34.00 N., 119.00 E.
Kiaochow, cy., Shantung, China ; p. 70,000. 36.20 N., 120.02 E.
Kidderminster, mkt. tn., Worcs, Eng. ; carpets ; p. 24,750. 52.23 N., 2.15 W.
Kidwelly, spt., mkt. tn., Carmarthen, Wales ; p. 2,297. 51.45 N., 4.18 W.
Kiel, chf. tn., nav. sta., Schl.-Hol., Prussia ; p. 163,772. 54.19 N., 10.08 E.
Kielce, cap. K. gov., Russ. Poland ; p. 23,200. 50.51 N., 20.43 E.
Kief, cap. K. gov., Russia, univ. ; tanning ; p. 319,000. 50.27 N., 30.34 E.
Kilauea, volc., Hawaii, lgst. active volc. in world. 19.00 N., 155.03 W.
Kildare, co., Ire. ; a. 654 sq. m., p. 63,566. 53.12 N., 6.45 W.
Kildare, co. tn., Kildare, Ire. ; castle ruins ; p. 1,790. 53.09 N., 6.54 W.
Kilimanjaro, volc. mt., Ger. E. Africa ; 19,720 ft. 3.05 S., 37.22 E.
Kilkee, w. pl., Clare, Ire., on Moore Bay ; p. 1,660. 52.41 N., 9.38 W.
Kilkeel, spt., Down, Ire., 1 m. from coast ; p. 1,375. 54.03 N., 6.01 W.
Kilkenny, co., Ire. ; a. 796 sq. m., p. 79,159. 52.35 N., 7.15 W.
Kilkenny, co. tn., Kilkenny, Ire. ; cath. ; p. 10,610. 52.39 N., 7.14 W.
Killala, spt., Mayo, Ire. ; on K. bay ; p. 512. 54.13 N., 9.14 W.
Killaloe, tn., Clare, Ire., cathedral ; p. 890. 52.48 N., 8.26 W.
Killarney, mkt. tn., Kerry, Ire. ; cath. ; p. 5,656. 52.03 N., 9.30 W.
Killarney, Lakes of, three connected lakes, Kerry, Ire. 52.05 N., 9.35 W.
Killiecrankie, pass, Perth, Scot. ; battle 1689. 56.44 N., 3.47 W.
Kilmainham, tn., Dublin, Ire. ; co. prison ; p. 5,395. 53.52 N., 6.49 W.
Kilmarnock, mnfg. tn., Ayr, Scot. ; carpets ; p. 35,000. 55.37 N., 4.29 W.
Kilrush, spt., w. pl., Clare, Ire., on Shannon ; p. 4,180. 52.38 N., 9.28 W.
Kilsyth, tn., Stirling, Scot. ; quarries ; p. 7,310. 55.59 N., 4.05 W.
Kilwinning, tn., Ayr, Scot. ; fire-clay ; p. 4,465. 55.40 N., 4.41 W.
Kimberley, cap. Griqld., W., S. Af. ; dmnds. ; p. 34,331. 28.50 S., 25.20 E.
Kincardine, spt., Fife, Scot., on Forth R. ; p. 1,725. 56.04 N., 3.43 W.
Kincardineshire, co., Scot. ; a. 383 sq. m., p. 40,923. 56.58 N., 2.25 W.
Kinchinjunga, pk., Himalayas ; 28,176 ft. 27.45 N., 88.08 E.
King George Sound, inlet, W. Australia ; 5 m. by 5 m. 35.03 S., 117.55 E.

King William's Town, tn., S.E. C. of G. Hope ; p. 9,506. 32.48 S., 27.30 E.
Kinghorn, tn., Fife, Scot. ; shipbuilding ; p. 1,575. 56.04 N., 3.11 W.
King's Co., co., Ire. ; a. 772 sq. m., p. 60,187. 53.15 N., 7.30 W.
King's Lynn, spt., mkt. tn., Norfolk, Eng. ; p. 20,350. 52.46 N., 0.24 E.
King's Norton, tn., Worcs, Eng. ; paper ; p. 57,000. 52.25 N., 1.55 W.
Kingston, fort. cy., Ontario, Canada ; univ. ; p. 20,000. 44.15 N., 78.35 W.
Kingston, spt., cap. Jamaica ; earthqu. 1907 ; p. 46,542. 18.01 N., 76.48 W.
Kingston, co. cap., New York, U.S. ; p. 25,556. 41.52 N., 74.04 W.
Kingston-on-Thames, mkt. tn., Surrey, Eng. ; p. 34,450. 51.25 N., 0.18 W.
Kingstown, spt. tn., w. pl., Dublin, Ire. ; p. 17,380. 53.17 N., 6.08 W.
Kingstown, cap. Br. W. Ind., on St. Vinct. I. ; p. 4,570. 13.13 N., 61.13 W.
Kingtehchen, tn., Kiangsi, China ; prclain. ; p. 500,000. 27.07 N., 117.31 E.
Kinross, co. tn., Kinross, Scot. ; woolspinning ; p. 2,156. 56.12 N., 3.25 W.
Kinross-shire, co., Scot. ; a. 78 sq. m., p. 6,981. 56.13 N., 3.28 W.
Kinsale, spt., summer res., Cork, Ire. ; fisheries ; p. 4,250. 51.42 N., 5.32 W.
Kintyre, pen., Argyll, Scot. ; 43 m. in length. 55.35 N., 5.37 W.
Kirghiz Steppes, reg., Russia, peopled by nomads. 48.30 N., 48.30 E.
Kirin, tn., Manchuria, on the Sungari ; p. 85,000. 43.52 N., 126.53 E.
Kirkcaldy, spt., Fife, Scot. ; linoleum ; p. 34,120. 56.07 N., 3.09 W.
Kirkcudbright, co. tn., Kirkcud., Scot. ; harb. ; p. 2,398. 54.50 N., 4.02 W.
Kirkcudbright, co., Scot. ; a. 954 sq. m., p. 39,383. 55.00 N., 4.00 W.
Kirkintilloch, tn., Dumb., Scot. ; iron, coal ; p. 11,698. 55.58 N., 4.13 W.
Kirk-kilisse, tn., Eur. Turkey ; confections ; p. 16,000. 41.43 N., 27.11 E.
Kirkwall, cap. of Orkney, on Mainland I. ; p. 3,725. 58.59 N., 2.57 W.
Kirriemuir, mkt. tn., Forfar, Scot. ; brown linen ; p. 4,120. 56.41 N., 3.01 W.
Kishinef, cap. Bessarabia, Russia ; tobacco ; p. 125,787. 47.02 N., 28.51 E.
Kishm, isl., tn., at entr. to Persian Gulf ; a. 515 sq. m. 26.45 N., 55.50 E.
Kissingen, w. pl., Bavaria, Ger. ; min. sprs. ; p. 4,595. 50.12 N., 10.04 E.
Kistna, riv., S. India, enters B. of Bengal ; 800 m. 17.20 N., 74.08 E.
Kiukiang, treaty port, Kiangsi, China ; tea ; p. 36,000. 29.44 N., 116.04 E.
Kiungchow, cap. Hainan I., S. China ; p. 42,000. 20.01 N., 110.27 E.
Kiushiu, isl., Japan ; coal, copper ; p. 7,748,402. 32.30 N., 131.15 E.
Kizil-Irmak, chf. riv., Asia minor ; 560 m. long. 41.42 N., 36.00 E.
Klagenfurt, cap. Carinthia, Austria ; p. 24,525. 46.37 N., 14.19 E.
Klausenburg, imp. cy., Transylv. ; univ. ; p. 50,000. 46.44 N., 23.33 E.
Klondike, gold min. reg., riv., Yukon, Canada. 64.10 N., 139.00 W.
Knaresborough, mkt. tn., W.R. Yorks, Eng. ; p. 4,989. 54.01 N., 1.28 W.
Knighton, mkt. tn., Radnor, Wales ; p. 2,152. 52.21 N., 3.04 W.
Knockmealdown Mts., range, Munster, Ire. ; 2,609 ft. 52.14 N., 7.55 W.
Knoxville, cy., Tenn., U.S. ; univ., mnfs. ; p. 36,015. 35.57 N., 85.57 W.
Knutsford, tn., Cheshire, Eng. ; cotton ; p. 5,195. 53.18 N., 2.22 W.
Kobe, spt. tn., Hotshiu, Japan ; p. 378,197. 34.42 N., 134.54 E.
Koko-nor, lake, Tibet ; 66 m. long, 40 m. broad. 36.50 N., 100.00 E.
Kokstad, chf. tn., Griqualand E., S. Africa. 30.27 S., 29.23 E.
Kola, cap. Russ. Lapland, on K. pen. ; p. 790. 68.47 N., 33.02 E.
Kolguyef, isl., Russia, in Arctic Ocean ; a. 1,350 sq. m. 69.00 N., 48.45 E.
Kolhapur, cap. K. st., Bombay ; anc. tmpls. ; p. 54,500. 16.43 N., 74.13 E.
Kolin, tn., Bohemia, Austria ; sugar ; p. 15,175. 50.04 N., 15.14 E.
Kolomea, tn., Galicia, Austria ; petroleum ; p. 35,250. 48.31 N., 25.01 E.
Kolomna, tn., Moscow, Russia ; silk ; p. 21,150. 55.07 N., 38.46 E.
Komorn, tn., Hungary ; strong fortress ; p. 9,997. 47.46 N., 18.07 E.
Konakry, cap. French Guinea ; p. 6,240. 9.30 N., 13.46 W.
Konieh, tn., Asia Minor ; monastery ; p. 60,000. 37.54 N., 32.30 E.
Königgratz, cy., Bohemia, Aust. ; bat. 1866 ; p. 9,795. 50.13 N., 15.49 E.
Königsberg, tn., fortress, E. Prussia ; univ. ; p. 223,770. 54.42 N., 20.30 E.
Königshutte, min. tn., Silesia, Prussia ; coal ; p. 66,042. 50.18 N., 18.57 E.
Kootenay, riv., Br. Columbia, Canada ; 450 m. 50.00 N., 116.12 W.
Köprülü, tn., Eur. Turkey ; silk-worm eggs ; p. 20,000. 41.45 N., 21.45 E.
Kordofan, prov., Egypt. Sud. ; a. 41,500 sq. m., p. 300,000. 12.30 N., 31.30 E.
Korea (Corea), kgdm., E. Asia ; a. 83,000 sq. m., p. 10,000,000. 38.00 N., 127.00 E.

Kos, isl., tn., Ægean Sea ; isl. a. 110 sq. m., p. 10,000. 36.50 N., 27.10 E.
Kosciusko, mt., New S. Wales, in Muniong Ra. ; 7,310 ft. 36.22 S., 148.20 E.
Köslin, tn., Pomerania, Prussia ; mnfs. ; p. 27,500. 54.13 N., 16.10 E.
Kossovo, famous battlefield, on Servian frontier. 42.37 N., 21.24 E.
Kostroma, cap. K. gov., Rus. ; cotton, linen ; p. 41,340. 57.44 N., 40.57 E.
Kotah, cap. K. state, Rajputana, India ; p. 33,870. 25.08 N., 75.47 E.
Köthen, tn., Anhalt, Ger. ; cath., castle ; p. 23,026. 51.45 N., 11.58 E.
Kotonou, Fr. tn., port, Dahomé, W. Africa ; p. 2,000. 6.20 N., 2.32 E.
Kotthua, tn., Brandenburg, Prussia ; mnfs. ; p. 39,460. 51.44 N., 14.21 E.
Kovno, cap. K. gov., Russia ; trade cent. ; p. 73,745. 54.56 N., 23.53 E.
Koweit, spt., As. Turkey, on Persian Gulf ; p. 1,500. 29.23 N., 48.00 E.
Kowloon, Brit. tn., Kwangtung, China, ceded 1861. 22.18 N., 114.15 E.
Kozlof, tn., Tambof, Russia ; grain trade ; p. 40,300. 52.53 N., 40.32 E.
Kra, isthmus joining Siam and Malay Peninsula. 10.00 N., 96.00 E.
Kraguyevatz, tn., Servia ; arsenal ; p. 15,596. 44.01 N., 20.53 E.
Kraiova (Craiova), tn., Roumania ; salt mines near ; p. 46,000. 44.19 N., 23.50 E.
Krakatoa, volc. isl., Dutch E. Indies ; destroyed 1883. 6.12 S., 105.30 E.
Krasnoyarsk, cap. Yeniseisk, Russia ; p. 33,340. 56.06 N., 93.00 E.
Krefeld, mfg. tn., Rhen. Prus. ; silk, velvet ; p. 110,334. 51.21 N., 6.33 E.
Kremenchug, tn., Poltava, Russia ; wool ; p. 63,010. 49.10 N., 34.12 E.
Kremnitz, tn., Hungary ; gold, silver mines ; p. 10,000. 48.42 N., 18.46 E.
Kreuznach, tn., Rhenish Prussia ; salt sprs. ; p. 21,450. 49.50 N., 7.50 E.
Krimmitschau, imp. mnfg. tn., Saxony, Ger. ; p. 27,609. 50.48 N., 12.23 E.
Kronstadt, tn., S.E. Transylvania ; cath. ; p. 36,750. 45.38 N., 25.30 E.
Kronstadt, fort. spt., Russia, on G. of Finland ; p. 59,530. 60.00 N., 29.46 E.
Kroonstad, tn., Orange F. State ; coal mines ; p. 7,200. 27.43 S., 27.27 E.
Kuban, prov., riv., Cauc. ; a. 39,277 sq. m., p. 2,388,100. 45.15 N., 38.05 E.
Kuching (Saráwak), cap. Saráwak, Borneo ; p. 30,000. 1.28 N., 110.03 E.
Kuen-lun, snow-clad mt. ra., Cent. Asia ; 2,390 m. long. 35.50 N., 80.24 E.
Kuka, tn., cap. Bornu, Cent. Africa ; p. 55,000. 12.58 N., 13.23 E.
Kulja, tn., Zungaria, Cent. Asia ; p. 12,500. 43.38 N., 81.38 E.
Kum, sacred cy., Persia ; mnfs. porous vases ; p. 35,000. 34.37 N., 50.56 E.
Kumamoto, tn., W. cst. Kiushiu, Japan ; p. 61,238. 32.48 N., 130.53 E.
Kumassi, tn., cap. Ashanti, W. Africa ; p. 20,000. 6.50 N., 2.16 W.
Kura (Kur), riv., Russ., Transcaucasia ; 825 m. 39.28 N., 49.19 E.
Kumbakonam, anc. sacred cy., Madras ; p. 59,700. 11.00 N., 79.18 E.
Kurdistan, region, W. Asia ; a. about 50,000 sq. m. 39.00 N., 42.00 E.
Kuria Muria, grp. of five isls., off S.E. Arabia ; a. 21 sq. m. 17.30 N., 56.00 E.
Kurile Is., Jap. grp., between Hokkaido I. and Kamchatka. 47.00 N., 154.00 E.
Kurisches Haff, lagoon, E. Prussia ; 61 m. long. 55.12 N., 21.00 E.
Kurnool, tn., Mad., Br. Ind. ; dismant. fort ; p. 25,400. 15.47 N., 78.05 E.
Kursk, cap. K. gov., Russia ; orchds., tanng. ; p. 75,730. 51.44 N., 36.13 E.
Kuruman, tn., Br. Bechuanaland, S. Africa. 27.19 S., 24.16 E.
Kusi (Coosy), riv., India, trib. of Ganges ; 325 m. 23.17 N., 86.23 E.
Kustendil, cy., Bulgaria ; warm springs ; p. 12,000. 42.07 N., 22.53 E.
Kustrin, fort. tn., Brandenburg, Prussia ; p. 16,479. 52.37 N., 14.36 E.
Kutaia, tn., Asia Minor ; anc. fortress ; p. 25,000. 39.26 N., 29.52 E.
Kutais, cap. K. gov., Russ. Transcaucasia ; p. 32,480. 42.21 N., 42.50 E.
Kwangsi, prov., China ; a. 77,225 sq. m., p. 5,142,330. 24.00 N., 108.30 E.
Kwangtung, prov., China ; a. 86,875 sq. m., p. 31,865,251. 23.30 N., 114.00 E.
Kwangyen, fort. tn., spt., Tongking ; p. 50,000. 20.52 N., 106.45 E.
Kwanza, riv., W. Africa, enters Atlantic ; nav. 120 m. 8.55 S., 15.00 E.
Kweichow, prov., China ; a. 67,183 sq. m., p. 7,650,282. 27.00 N., 106.30 E.
Kyoto, imp. cy. Honshiu, Jap. ; mnfs. prcln. ; p. 442,462. 34.53 N., 135.30 E.

La Crosse, co. cap., Wis., U.S. ; cath. ; mnfs. ; p. 29,115. 43.50 N., 91.11 W.
La Guaira, tn., Venezuela, prt. of Carácas ; p. 12,000. 10.42 N., 67.00 W.
La Hague, C. de, N.W. pt. Cotentin Pen., France. 49.44 N., 1.57 W.
La Hogue, roadstead, E. side Cotentin Pen., France. 49.50 N., 1.25 E.

La Paz, cap. La Paz dep., Bolivia ; cath. ; p. 78,856. 16.27 S., 68.22 W.
La Paz, tn., Argentina, on the Paraná ; p. 10,000. 30.45 S., 59.33 W.
La Plata, cap. Buen. Ayres, Argent. ; mnfs. ; p. 80,000. 35.06 S., 58.06 W.
La Plata, Rio de, estuary, S. Amer. ; 200 m. long. 35.06 S., 56.25 W.
Laaland (Lollond), isl., Denmk. ; a. 445 sq. m., p. 70,700. 54.46 N., 11.30 E.
Labrador, N.E. pen., N. Am. ; a. 120,000 sq. m., p. 4,035. 55.00 N., 63.00 W.
Labuan, Br. isl., off N.W. Borneo ; a. 30 sq. m., p. 8,470. 5.25 N., 115.18 E.
Laccadives, isl. grp., Arabian Sea ; a. 744 sq. m., p. 10,350. 11.20 N., 72.30 E.
Lachine, w. pl., rapids St. Lawrence R., Quebec ; p. 5,600. 45.28 N., 73.40 W.
Laconia, southern province, Greece ; p. 61,522. 37.00 N., 22.30 E.
Ladoga, lgst. lake of Europe, in Russia ; a. 7,000 sq. m. 60.45 N., 31.30 E.
Ladrones (Mariana Is.), group, W. Pacific ; p. 10,000. 17.00 N., 146.00 E.
Ladysmith, tn., rly. junc., Natal ; siege 1899 ; p. 6,000. 28.30 S., 29.22 E.
Laeken, N. sub. Brussels, Belg. ; palace ; p. 31,425. 50.53 N., 4.21 E.
Lafayette, cy., Indiana, U.S. ; univ. ; mnfs. ; p. 20,225. 40.22 N., 86.51 W.
Lagan, riv., Ire. ; enters Belfast Lough ; 35 m. 54.29 N., 6.07 W.
Lagos, tn., S. Nigeria ; natural harbour ; p. 60,000. 6.24 N., 3.24 E.
Lagos, spt., S. est. Portugal ; sea fight 1759 ; p. 7,900. 37.10 N., 8.37 W.
Lahore, cap. Punjab, Br. India ; univ. ; p. 203,000. 31.33 N., 74.16 E.
Laibach, cap. Carniola, Austria ; p. 36,550. 46.03 N., 14.31 E.
Laing's Nek, mt. pass, Natal ; battle 1881. 27.30 S., 29.54 E.
Lake District, pict. reg., Cumb., Westm, Lancs, Eng. 54.30 N., 3.00 W.
Lake of the Thousand Is., expans. of St. Lawrence, Canada. 44.18 N., 76.05 W.
Lake of the Woods, lake, N. America ; 100 m. long. 49.00 N., 94.50 W.
Lambeth, parl. bor., S. London ; p. 302,000. 51.29 N., 0.04 W.
Lammermuir Hills, broad range, S. Scot. ; pk. 1,749 ft. 55.51 N., 2.44 W.
Lampeter, mkt. tn., Cardigan, Wales ; coll. ; p. 1,735. 52.07 N., 4.05 W.
Lanark, co. tn., Lanark, Scot. ; on Clyde R. ; p. 6,578. 55.40 N., 3.48 W.
Lanarkshire, co., Scot. ; a. 889 sq. m., p. 1,339,330. 55.45 N., 3.55 W.
Lancashire, co., Eng. ; a. 1,887 sq. m., p. 4,407,500. 53.45 N., 2.35 W.
Lancaster, co. tn., spt., Lancs, Eng. ; mnfs. ; p. 40,785. 54.03 N., 2.48 W.
Lancaster, cap. co., Penn., U.S. ; cotton ; p. 47,129. 40.02 N., 76.23 W.
Lancaster, cap. co., Ohio, U.S. ; machinery ; p. 9,855. 39.41 N., 82.29 W.
Lanchowfu, cap. Kansu, China ; trade ; p. 500,000. 36.05 N., 103.55 E.
Lancing, w. pl., Sussex, Eng. ; college ; p. 1,260. 50.50 N., 0.20 W.
Landau, tn., Bavaria, Germany ; p. 15,856. 48.41 N., 12.43 E.
Landerneau, spt., Finistère, France ; p. 7,110. 48.30 N., 4.27 W.
Landes, dep., France ; a. 3,598 sq. m., p. 293,397. 44.00 N., 0.50 W.
Landsberg, tn., Brandenburg, Pruss. ; beer ; p. 33,750. 52.42 N., 15.12 E.
Land's End, cape, Cornwall, extreme W. pt. of Eng. 50.04 N., 5.43 W.
Landshut, tn., Up. Bavaria, Ger. ; tobacco ; p. 24,217. 48.32 N., 12.09 E.
Landskrona, spt., Sweden, on the Sound ; p. 16,083. 55.54 N., 12.55 E.
Langholm, mkt. tn., Dumfries, Scot. ; woollens ; p. 3,156. 55.09 N., 3.00 W.
Langres, fort. tn., Haute Marne, France ; p. 9,985. 47.53 N., 5.20 E.
Langside, S. sub. Glasgow, Scot. ; battle 1568. 55.50 N., 4.17 W.
Languedoc, old prov., S. France ; cap. Toulouse. 44.00 N., 3.40 E.
Lansing, cap. Mich., U.S. ; state capital ; p. 20,276. 42.45 N., 84.33 W.
Laon, cap. Oisne, France ; cath. ; mnfs. ; p. 15,570. 49.34 N., 3.36 E.
Laos, terr., French Indo-China ; p. 650,000. 19.00 N., 103.00 E.
Lapland, terr., N. Europe ; a. 150,000 sq. m., p. 100,000. 68.00 N., 26.00 E.
Laramie, tn., riv., plns., mts., Wyom., U.S. ; p. 12,000. 41.53 N., 106.20 W.
Laredo, co. cap., Texas, U.S. ; fruit, wool ; p. 14,695. 27.32 N., 99.26 W.
Largs, w. pl., Ayr, Scot. ; battle 1263 ; p. 3,255. 55.48 N., 4.52 W.
Larissa, tn., L. prov., Greece ; silk, cotton ; p. 18,041. 39.36 N., 22.24 E.
Laristan, marit. prov. Persia ; a. 22,500 sq. m., p. 90,000. 27.45 N., 54.30 E.
Larnaka, chf. port Cyprus ; commer. cent. ; p. 8,695. 34.57 N., 33.39 E.
Larne, spt., Antrim, Ire., on L. Larne ; p. 6,670. 54.51 N., 5.49 W.
Las Palmas, chf. tn., Canary Is. ; bshp. seat. ; p. 44,600. 28.06 N., 15.30 W.
Latakia, decayed spt., Syria ; tobacco ; p. 20,000. 35.35 N., 35.48 E.
Lauenburg, duchy, Schl.-Hols., Prussia ; p. 51,900. 53.32 N., 10.40 E.

Launceston, co. tn., Cornw., Eng. ; gram. sch. ; p. 4,070. 50.48 N., 4.21 W.
Launceston, spt., Tasmania ; trade cent. ; p. 18,079. 41.26 S., 147.10 E.
Laurvik, spt., Norway, on Christiania F. ; p. 10,668. 59.04 N., 10.05 E.
Lausanne, cap. Vaud, Switz. ; cath. ; machnry. ; p. 60,000. 46.31 N., 6.38 E.
Lauterbrunnen, val. of waterfalls, Berne, Switz. 46.36 N., 7.54 E.
Laval, cap. Mayenne, France ; cath., castle ; p. 25,425. 48.04 N., 0.46 W.
Lawrence, co. cap., Kan., U.S. ; univ. ; mnfs. ; p. 12,123. 39.00 N., 95.14 W.
Lawrence, cy., Mass., U.S. ; mfs. cottn. goods ; p. 76,616. 42.39 N., 71.10 W.
Leadville, min. tn., Col., U.S. ; gold, silver ; p. 13,697. 39.18 N., 106.19 W.
Leamington, w. pl., Warwick, Eng. ; p. 26,950. 52.17 N., 1.31 W.
Leavenworth, cy., Kansas, U.S. ; rly. cent. ; p. 22,167. 39.12 N., 95.26 W.
Lebanon, mt. range, Syria, summit 10,018 ft. 33.55 N., 35.50 E.
Lecce, cy., cap. L. prov., Italy ; cathedral ; p. 32,690. 40.22 N., 18.12 E.
Ledbury, old fash. mkt. tn., Hereford, Eng. ; p. 3,275. 52.02 N., 2.25 W.
Leeds, imp. tn., W.R. Yks., Eng. ; wllns., lthr. ; p. 484,012. 53.48 N., 1.32 W.
Leek, mfg. mkt. tn., Staffs, Eng. ; silk-dyg. ; p. 15,590. 53.07 N., 2.02 W.
Leeuwarden, cap. Friesland, Holland ; mnfs. ; p. 36,054. 52.12 N., 5.47 E.
Leeward Is., grp., W. Indies ; a. 704 sq. m., p. 128,000. 16.00 N., 62.00 W.
Leghorn, imp. spt., W. cst. Italy ; shpbldg., coral ; p. 108,000. 43.33 N., 10.18 E.
Leh, chf. tn., Ladakh, Kashmir ; temples ; p. 10,000. 33.52 N., 77.33 E.
Leicester, co. tn., Leics, Eng. ; boots, hosiery ; p. 244,255. 52.39 N., 1.08 W.
Leicestershire, co., Eng. ; a. 824 sq. m., p. 434,500. 52.40 N., 1.10 W.
Leiden, tn., S. Holland ; univ. ; mnfs. ; p. 57,919. 52.10 N., 4.30 E.
Leigh, tn., Lancs, Eng. ; silk, foundries ; p. 40,255. 53.59 N., 2.31 W.
Leighton Buzzard, mkt. tn., Bedford, Eng. ; p. 6,385. 51.56 N., 0.39 W.
Leinster, S.E. prov., Ire. ; a. 7,624 sq. m., p. 1,152,829. 52.55 N., 7.00 W.
Leipzig, cy., Saxony, Ger. ; univ. ; mnfs. ; p. 503,672. 51.21 N., 12.21 E.
Leith, imp. spt., Edinburgh, Scot. ; shpbldg. ; p. 85,720. 55.58 N., 3.10 W.
Leitmeritz, old tn., Bohem., Aust. ; brwg. ; p. 13,150. 50.33 N., 14.09 E.
Leitrim, co., Ireland ; a. 588 sq. m., p. 69,343. 54.10 N., 8.00 W.
Lemberg, cap. Galicia, Austria ; univ. ; p. 160,500. 49.40 N., 24.00 E.
Lemnos, isl., Turkey, nr. entr. to Dardanelles ; p. 30,000. 39.53 N., 25.15 E.
Lena, riv., E. Siberia, flows to Arctic Oc. ; 3,000 m. 71.00 N., 126.00 E.
Lenkoran, spt., Transcaucasia, Russia ; p. 9,250. 38.44 N., 48.52 E.
Lens, tn., Pas-de-Calais, France ; coal, sugar ; p. 24,525. 50.24 N., 2.49 E.
Leominster, mkt. tn., Hereford, Eng. ; gloves ; p. 5,875. 52.13 N., 2.45 W
León, cap. L. prv., Spain ; cath. ; roy. tombs ; p. 17,255. 42.36 N., 5.35 W.
León, cy., Mexico ; cath. ; var. mnfs. ; p. 63,270. 21.01 N., 101.15 W.
León, cy., Nicaragua, Cent. Amer. ; cath. ; p. 62,570. 12.32 N., 86.54 W.
Lepanto, tn., Greece, on G. of Corinth ; nav. battle 1571. 38.23 N., 21.50 E.
Lerida, fort. cy., cap. L. prov., Spain ; cath. ; p. 21,500. 41.34 N., 0.20 E.
Lerwick, co. tn., Shetland, on Mainland ; p. 4,560. 60.09 N., 1.08 W.
Letterkenny, tn., Donegal, Ire., on R. Swilly ; p. 2,370. 54.57 N., 7.44 W.
Leuk, w. pl., Valais, Switz. ; springs, baths ; p. 1,775. 46.19 N., 7.38 E.
Leukas (Santa Maura), isl., prov., Ionian Is. ; p. 41,186. 38.43 N., 20.40 E.
Leven, tn., Fife, Scot. ; sum. res., golf links ; p. 5,595. 56.12 N., 3.00 W.
Leven Loch, beautiful lake of Kinross, Scot. ; 3½ m. by 2 m. 56.12 N., 3.22 W.
Levis, tn., Quebec, Canada ; graving dock ; p. 8,000. 46.48 N., 71.12 W.
Levuka, former cap. of Fiji, on Ovalau I. ; harbour. 18.00 S., 178.00 E.
Lewes, co. tn., Sussex, Eng. ; printg., tanng. ; p. 11,410. 50.52 N., 0.01 E.
Lewes with Harris, isl., Outer Hebrides, Scot. ; p. 32,200. 58.10 N., 6.35 W.
Lewiston, cy., Maine, U.S. ; woollens, cottons ; p. 24,997. 44.06 N., 70.15 W.
Lexington, co. cap., Kentucky, U.S. ; univ. ; p. 29,249. 38.00 N., 84.31 W.
Lexington, vil., Mass., U.S. ; 1st bat. in War of Indep. 42.28 N., 71.14 W.
Leyte, isl., Philippines ; a. 3,087 sq. m., p. 357,650. 10.30 N., 125.00 E.
Lhasa, cap. Tibet, centre of Buddhism ; p. 18,000. 29.48 N., 91.05 E.
Liakhov Is. (New Siberia), group, Arctic Ocean. 75.00 N., 140.00 E.
Liao-tung, part of S. Manchuria, with Port Arthur. 40.00 N., 123.00 E.
Libau, spt., w. pl., Russia, on Baltic ; p. 64,490. 56.30 N., 21.01 E.
Liberia, Negro repub., W. Africa ; a. 14,000 sq. m., p. 2 mil. 5.30 N., 9.00 W.

Libourne, tn., Gironde, France ; woollens ; p. 19,265. 44.55 N., 0.11 W.
Libyan Desert, the E. part of the Sahara. 28.30 N., 28.30 E.
Lichfield, tn., Staffs, Eng. ; cath., breweries ; p. 7,998. 52.42 N., 1.50 W.
Lichtenstein, tn., Saxony, Ger. ; hosiery ; p. 7,006. 50.46 N., 12.38 E.
Liechtenstein, princip., Austria ; a. 65 sq. m., p. 7,450. 47.10 N., 9.35 E.
Liége, cy., Belgium, on Meuse R. ; var. mnfs. ; p. 175,870. 50.38 N., 5.34 E.
Liegnitz, tn., Silesia, Prussia ; foundries ; p. 59,706. 51.12 N., 16.09 E.
Lierre, tn., Antwerp, Belgium ; silk, lace ; p. 22,890. 51.08 N., 4.34 E.
Liffey, riv., Ire., flows into Dublin B. ; 50 m. 53.22 N., 6.27 W.
Lifford, co. tn., Donegal, Ire., on R. Foyle ; p. 446. 54.50 N., 7.29 W.
Ligny, vil., Namur, Belgium ; battle 1815. 50.30 N., 4.36 E.
Liim Fiord, principal inlet of Denmark. 56.55 N., 9.04 E.
Lille, mnfg. tn., fort., Nord, France ; textls. ; p. 205,602. 50.38 N., 3.01 E.
Lima, cap. Peru ; cath., univ. ; large trade ; p. 140,884. 12.03 S., 77.00 W.
Lima, co. cap., Ohio, U.S. ; steam-mills ; p. 27,702. 40.46 N., 84.07 W.
Limasol, chf. spt., Cyprus ; wine trade ; p. 9,045. 34.21 N., 33.04 E.
Limbourg, prov., Belgium ; a. 931 sq. m., p. 241,500. 51.00 N., 5.30 E.
Limburg, prov., Holland ; a. 850 sq. m., p. 334,586. 51.10 N., 5.55 E.
Limburg, tn., Liége, Belg. ; famous for cheese ; p. 4,550. 50.37 N., 5.57 E.
Limerick, co., Ire. ; a. 1,063 sq. m. ; p. 146,098. 52.30 N., 8.45 W.
Limerick, co. tn., Limerick, Ire. ; lace, bacon ; p. 39,000. 52.39 N., 8.36 W.
Limoges, cap. Haute-Vienne, Fr. ; porcelain ; p. 88,597. 45.52 N., 1.17 E.
Limon, spt., Costa Rica, on Caribbean Sea ; p. 4,400. 9.54 N., 83.00 W.
Limpopo (Crocodile), riv., S. Africa ; 1,000 m. 22.00 S., 28.30 E.
Linares, min. tn., Jaen, Spain ; lead, copper ; p. 25,750. 38.06 N., 3.42 W.
Lincoln, co. tn., Lincs, Eng. ; splendid cath. ; p. 55,296. 53.14 N., 0.33 W.
Lincoln, cap. Nebraska, U.S. ; univ. ; mnfs. ; p. 61,200. 40.55 N., 96.48 W.
Lincolnshire, co., Eng. ; a. 2,646 sq. m., p. 499,500. 53.15 N., 0.15 W.
Linden, tn., Hanover, Prussia ; textiles ; p. 57,941. 52.22 N., 9.42 E.
Lingah, spt., Persia, on Persian Gulf ; p. 9,000. 26.36 N., 54.54 E.
Linköping, anc. tn., cap. E. Gothland, Sweden ; p. 17,623. 58.24 N., 15.35 E.
Linlithgow, co. tn., Linlithgow, Scot. ; p. 4,295. 55.58 N., 3.36 W.
Linlithgowshire, co., Scot. ; a. 127 sq. m., p. 65,708. 55.55 N., 3.40 W.
Linnhe, Loch, inlet, Argyll and Inver., Scot. 56.35 N., 5.25 W.
Linz, cap. Up. Austria ; cath. ; mnfs. ; p. 59,600. 48.17 N., 14.18 E.
Lion, Gulf of, inlet, Mediterranean, S. of France. 43.15 N., 3.40 E.
Lipari (Æolian) Is., grp., off N. est. Sicily ; p. 19,320. 38.35 N., 14.50 E.
Lipetzk, tn., Tambof, Russia ; springs ; p. 20,356. 52.35 N., 39.37 E.
Lippe, princip., Ger. ; a. 475 sq. m., p. 145,577. 52.00 N., 8.50 E.
Lippstadt, tn., Prussia, on R. Lippe ; spirits ; p. 12,550. 51.40 N., 8.20 E.
Lisbon, cap. Portugal ; fine port ; cath. ; p. 358,500. 38.41 N., 9.10 W.
Lisburn, tn., Antrim, Ire. ; linens, muslins ; p. 11,470. 54.31 N., 6.03 W.
Lisieux, tn., Calvados, France ; coarse linens ; p. 16,150. 49.08 N., 0.13 E.
Liskeard, tn., Cornwall, Eng. ; tanning ; p. 4,060. 50.27 N., 4.27 W.
Lismore, tn., Waterford, Ire. ; cath. ; p. 1,533. 52.08 N., 7.55 W.
Lismore, isl., Argyll, Scot., in Loch Linnhe ; p. 510. 56.30 N., 5.31 W.
Lissa, tn., Posen, Prussia ; mnfs. cloth ; p. 14,362. 51.51 N., 16.33 E.
Lissa, isl., tn., Dalmatia, Austria ; isl. p. 9,950. 43.03 N., 16.11 E.
Listowel, mkt. tn., Kerry, Ire. ; cas. rns. ; p. 3,605. 52.27 N., 9.28 W.
Little Rock, cap., Arkansas, U.S. ; cath. ; p. 39,959. 34.45 N., 92.13 W.
Littlehampton, spt., w. pl., Sussex, Eng. ; p. 7,385. 50.48 N., 0.32 W.
Liverpool, imp. cy., spt., Lancs, Eng. ; fine docks ; p. 760,357. 53.25 N., 2.59 W.
Livonia, prov., Russia ; a. 18,153 sq. m., p. 1,431,000. 57.20 N., 25.50 E.
Lizard Point, pen., Cornwall, England. 49.57 N., 5.12 W.
Llanberis, par., Carn., Wales, resort ; quarries ; p. 3,025. 53.06 N., 4.05 W.
Llandaff, tn., Glam., Wales ; cath. ; p. 5,795. 51.29 N., 3.14 W.
Llandrindod, w. pl., Radnor, Wales ; p. 1,835. 52.15 N., 3.23 W.
Llandudno, fash. w. pl., Carnarvon, Wales ; p. 9,295. 53.20 N., 3.52 W.
Llanelly, mnfg. tn., spt., Carmarthen, Wales ; p. 25,850. 51.42 N., 4.09 W.
Llanfairfechan, w. pl., Carnarvon, Wales ; p. 2,780. 53.15 N., 3.58 W.

Llangollen, tn., Denbigh, Wales ; flannel ; p. 3,325. 52.58 N., 3.11 W.
Llanidloes, tn., Montgomery, Wales ; flannel ; p. 2,782. 52.27 N., 3.32 W.
Llanrwst, mkt. tn., Denbigh, Wales ; p. 2,660. 53.08 N., 3.48 W.
Llerena, tn., Badajoz, Spain ; battle 1812 ; p. 7,100. 38.10 N., 6.06 W.
Loanda, cap., Port. W. Africa ; harbour ; p. 50,000. 8.42 S., 15.00 E.
Lob Nor, lake in Desert of Gobi, Cent. Asia. 40.05 N., 88.50 E.
Löbau, tn., Saxony, Ger. ; mineral springs ; p. 9,655. 51.06 N., 14.40 E.
Lochy, lake, Inverness, Scot. ; 10 m. long. 56.57 N., 4.57 W.
Locle, tn., Neuchatel, Switz. ; watches ; p. 12,710. 47.04 N., 6.45 E.
Lodi, cy., Milan, Italy ; cath. ; mnfs. ; p. 27,920. 45.18 N., 9.29 E.
Lodz, tn., Poland ; many cotton factories ; p. 351,570. 51.46 N., 19.33 E.
Lofoten, Is., chain off N.W. Norway ; p. 30,000. 68.40 N., 15.20 E.
Logansport, co. cap., Ind., U.S. ; rly. shps. ; p. 16,730. 40.46 N., 86.17 W.
Logroño, cap. L. prov., Spain ; woollens ; p. 18,975. 42.28 N., 2.33 W.
Loheia, spt., Arabia ; trade in coffee ; p. 10,000. 15.35 N., 42.50 E.
Loire, lngst. riv. of France ; enters B. of Biscay ; 620 m. 47.18 N., 2.12 E.
Loire, dep., France ; a. 1,838 sq. m., p. 643,943. 45.50 N., 4.00 E.
Loire-Inférieure, dep., Fr. ; a. 2,654 sq. m., p. 666,748. 47.20 N., 1.45 W.
Loiret, dep., France ; a. 2,614 sq. m., p. 364,999. 48.00 N., 2.20 E.
Loir-et-Cher, dep., France ; a. 2,452 sq. m., p. 276,019. 47.40 N., 1.20 E.
Loja, tn., Granada, Spain ; coarse woollens ; p. 19,350. 37.11 N., 4.12 W.
Lokeren, tn., E. Flanders, Belg. ; mnfs. ; p. 21,150. 51.06 N., 3.59 E.
Lombardy, prov., Cent. Italy ; a. 9,297 sq. m., p. 4,598,512. 45.30 N., 9.30 E.
Lombok, isl., Sunda Is. ; a. 2,098 sq. m., p. 325,000. 8.30 S., 116.25 E.
Lomond, Loch, beaut. lake of Scot. ; a. 27 sq. m. 56.05 N., 4.35 W.
Lomza, cap. L. gov., Poland ; distilleries ; p. 20,095. 53.09 N., 22.10 E.
London, cap. Eng., most imp. cy. in world ; p. 7,429,740. 51.32 N., 0.05 W.
London, cy., port of entry, Ontario, Canada ; p. 49,507. 43.01 N., 81.21 W.
Londonderry, co. Ire. ; a. 816 sq. m., p. 144,404. 54.55 N., 6.55 W.
Londonderry (Derry), spt., co. tn. ; mnfs. ; p. 40,000. 55.00 N., 7.20 W.
Long, Loch, beaut. lake Ross and Crom., Scotland. 57.18 N., 5.27 W.
Long Branch, w. pl., New Jersey, U.S. ; p. 12,525. 40.18 N., 73.59 W.
Long Island, isl., New York, U.S. ; a. 1,682 sq. m. 40.50 N., 73.00 W.
Long Island Cy., N. York, U.S. ; pt. of Queens ; p. 48,750. 40.48 N., 73.56 W.
Long Island Sound, N. Yk., U.S. ; 110 m. lg., 20 m. wide. 42.03 N., 73.00 W.
Longford, co., Ire. ; a. 421 sq. m., p. 46,672. 53.40 N., 7.42 W.
Longridge, mnfg. tn., Lancs, Eng. ; cotton ; p. 4,320. 53.49 N., 2.36 W.
Longton, tn., Staffs, Eng. ; china, erthnwr. ; p. 35,870. 52.59 N., 2.08 W.
Lons-le-Saunier, cap. Jura, France ; salt ; p. 12,970. 46.41 N., 5.33 E.
Loochoo (Liukiu), chain of isls., Japan ; p. 160,000. 26.30 N., 127.00 E.
Looe, E. and W., two fishing vils., Cornwall, Eng. ; p. 2,750. 50.22 N., 4.27 W.
Lorca, tn., Murcia, Spain ; saltpetre wks. ; p. 70,250. 37.44 N., 1.43 W.
Lord Howe Islands, group, S. Pacific ; a. 58 sq. m., p. 100. 31.30 S., 159.05 E.
Lorenzo Marques, imp. Port. port, Delagoa B., E. Africa. 25.50 S., 32.45 E.
Loreto, dep., Peru ; a. 33,000 sq. m., p. 101,000. 3.45 S., 70.30 W.
Loreto, cy., Ancona, Italy ; royal palace ; p. 8,060. 43.27 N., 13.35 E.
Lorient, spt., Morbihan, France ; nav. arsenal ; p. 46,403. 47.47 N., 3.21 W.
Los Angeles, cy., Cal., U.S. ; univ., observ. ; p. 250,000. 34.03 N., 118.11 W.
Lossiemouth, spt., Elgin, Scot. ; harb. ; p. 3,930. 57.43 N., 3.18 W.
Lot, dep., France ; a. 2,012 sq. m., p. 216,611. 44.40 N., 1.30 E.
Lot-et-Garonne, dep., France ; a. 2,067 sq. m., p. 274,610. 44.20 N., 0.30 E.
Loughborough, tn., Leics, Eng. ; hosiery ; p. 21,765. 52.47 N., 1.12 W.
Loughrea, mkt. tn., Galway, Ire. ; p. 2,959. 53.12 N., 8.45 W.
Louisiade Arch., Br. isl. group, E. of New Guinea. 10.10 S., 154.00 E.
Louisiana, state, U.S. ; a. 43,118 sq. m., p. 1,539,450. 31.00 N., 92.20 W.
Louisville, cy., pt. of entry, Kentucky, U.S. ; p. 226,129. 38.13 N., 85.41 W.
Lourdes, pilgrimage tn., Hautes-Pyr., France ; p. 8,750. 43.06 N., 0.01 W.
Louth, tn., Lincoln, Eng. ; iron foundries ; p. 9,535. 53.22 N., 0.00.
Louth, co., Ireland ; a. 315 sq. m., p. 65,820. 53.50 N., 6.30 W.
Louvain, cy., Brabant, Belgium ; mnfs. ; p. 42,001. 50.53 N., 4.43 E.

Louviers, tn., Eure, France ; cath. ; cloth ; p. 10,500. 49.12 N., 1.11 E.
Low Arch., most E. isl. grp., Polynesia ; p. 8,000. 16.00 S., 140.00 W.
Lowell, mnfg. tn., Mass., U.S. ; cotton ; p. 95,173. 42.34 N., 71.23 W.
Lower California, pen. terr., Mexico ; p. 47,200. 28.00 N., 113.30 W.
Lowestoft, spt. tn., w. pl., Suffolk, Eng. ; p. 29,970. 52.29 N., 1.44 E.
Loyalty Is., Fr. grp., S. Pacific ; a. 760 sq. m., p. 15,000. 21.00 S., 168.00 E.
Lozère, dep., France ; a. 1,996 sq. m., p. 128,016. 44.40 N., 3.30 E.
Luang Prabang, fort. tn., Fr. Indo-China ; p. 12,000. 19.48 N., 102.6 E.
Lübeck, free cy., Ger., imp. shipping tn. ; p. 91,541. 53.51 N., 10.40 E.
Lublin, cap. L. gov., Poland ; tobacco ; p. 50,390. 51.12 N., 22.37 E.
Lucca, cap. L. prov., Italy ; var. mnfs. ; p. 74,975. 43.51 N., 10.31 E.
Luce Bay, inlet, Wigtown, Scot. ; 16 m. long. 54.45 N., 4.45 W.
Lucena, tn., Cordóba, Spain ; agric. produce ; p. 21,400. 37.35 N., 4.32 W.
Lucera, tn., Foggia, Italy ; cath., cas. rns. ; p. 16,995. 41.30 N., 15.21 E.
Lucerne, cap. L. canton, Switz. ; tourist res. ; p. 36,200. 47.03 N., 8.18 E
Lucerne (Vierwaldstättersee), lake, Switz. ; a. 44 sq. m. 47.00 N., 8.25 E.
Luckenwalde, tn., Brandenburg, Prussia ; p. 28,500. 52.07 N., 13.09 E.
Lucknow, United Provs., Br. India ; siege 1857 ; p. 264,500. 26.51 N., 80.56 E.
Ludenscheid, tn., Westphalia, Prussia ; p. 25,600. 51.13 N., 7.46 E.
Ludhiana, tn., Punjab ; cashmere shawls ; p. 48,700. 30.52 N., 75.55 E.
Ludlow, mkt. tn., Salop, Eng. ; cabinet wks. ; p. 6,410. 52.22 N., 2.44 W.
Ludwigsburg, tn., Würtemberg, Ger. ; castle ; p. 23,093. 48.53 N., 9.12 E.
Ludwigshafen, tn., Bavarian Palat. ; mnfs. ; p. 72,286. 49.28 N., 8.27 E.
Lugano, tn., Ticino, Switz. ; silk mnfs. ; p. 9,585. 46.01 N., 8.57 E.
Lugano (Ceresio), lake, Switz. ; a. 19½ sq. m. 46.00 N., 9.00 E.
Lugnaquilla, mt., Wicklow, Ire. ; 3,039 ft. 52.58 N., 6.29 W.
Lugo, cap. L. prov., Spain ; cath. ; mnfs. ; p. 28,255. 43.00 N., 7.31 W.
Lugo, tn., Ravenna, Italy ; annual fair ; p. 27,645. 44.25 N., 11.55 E.
Lulea, tn., Sweden, on G. of Bothnia ; iron-ore ; p. 9,510. 65.35 N., 22.10 E.
Lund, cy., Gothland, Sweden ; cath. univ. ; p. 19,675. 55.39 N., 13.11 E.
Lundy, isl., off Devon, Eng., in Bristol Chan. ; p. 180. 51.11 N., 4.40 W.
Lune, riv., Westmorland and Lancs, Eng. ; 45 m. 54.06 N., 2.42 W.
Lüneburg, tn., Hanover, Prussia ; salt mine ; p. 24,963. 53.15 N., 10.23 E.
Lunéville, tn., Meurthe-et-Moselle, France ; p. 23,375. 48.35 N., 6.30 E.
Lurgan, tn., Armagh, Ire. ; cambrics ; p. 11,782. 54.28 N., 6.20 W.
Luristan, prov., W. Persia ; a. 15,060 sq. m., p. 450,000. 32.35 N., 49.00 E.
Luton, mkt. tn., Bedford, Eng. ; straw-plait ; p. 36,720. 51.52 N., 0.26 W.
Lutzen, tn., Saxony, Pruss. ; battles 1632, 1813 ; p. 3,850. 51.16 N., 12.08 E.
Luxemburg, prov., Belgium ; a. 1,706 sq. m., p. 219,500. 50.00 N., 5.30 E.
Luxemburg, gd. duchy. bet. Belg. and Prus. ; p. 236,543. 49.50 N., 5.40 E.
Luxemburg, cap. of ab. ; cath. ; mnfs. cotton. ; p. 20,928. 49.37 N., 6.08 E.
Luzon, lgst. isl. of Philippines ; a. 44,400 sq. m., p. 3,798,507. 16.00 N., 121.00 E.
Lydd, tn., Kent, Eng. ; mnfs. lyddite ; p. 2,675. 50.57 N., 0.55 E.
Lyme Regis, spt., w. pl., Dorset, Eng. ; p. 2,095. 50.43 N., 2.56 W.
Lymington, w. pl., Hants, Eng., on Solent ; p. 4,180. 50.46 N., 1.33 W.
Lynchburg, cy., Virginia, U.S. ; mnfs. ; p. 22,850. 37.18 N., 79.01 W.
Lynn, cy., spt., Mass., U.S. ; mnfs. shoes ; p. 78,748. 42.25 N., 71.01 W.
Lynton and Lynmouth, two vils., sum. res., Devon, Eng. 51.12 N., 3.48 W.
Lyonnais, former prov., France ; cap. Lyons. 45.45 N., 4.30 E.
Lyons, cy., Rhone, Fr. ; imp. mnfs. ; univ. ; p. 472,114. 45.45 N., 4.49 E.
Lytham, w. pl., Lancs, Eng., on Ribble est. ; p. 7,210. 53.44 N., 2.58 W.
Lyttelton, spt., South I., New Zealand ; p. 4,420. 43.36 S., 172.42 E.

Macao, Port. sett., S. China, on Canton R. ; p. 64,500. 22.15 N., 113.36 E.
Macassar, spt., dist., S. Celebes, E. Indies ; tn. p. 20,000. 5.20 S., 119.28 E.
Macclesfield, mnfg. tn., Cheshire, Eng. ; silk ; p. 34,760. 53.16 N., 2.08 W.
Macedonia, former country, now part of Turkey. 41.10 N., 22.55 E.
Maceio, spt., Brazil, cap. of a state ; p. 33,000. 9.40 S., 35.51 W.
Macerata, cap. M. prov., Italy ; cath. ; p. 22,790. 43.18 N., 13.26 E.

Macgillycuddy Reeks, mt. grp., Kerry, Ire. ; 3,422 ft. 52.00 N., 9.45 W.
Mackeesport, cy., Penn., U.S. ; flour, glass ; p. 43,438. 40.22 N., 79.49 W.
Mackenzie, riv., N. America, enters Arctic O. ; 2,000 m. 67.00 N., 130.00 W.
Mackinley, Mount, highest in N. America ; 20,464 ft. 63.31 N., 151.20 W.
Mâcon, cap. Saône-et-Loire, France ; wines ; p. 19,000. 46.19 N., 4.50 E.
Macon, co. cap., Georgia, U.S. ; univ. ; mills ; p. 33,000. 33.46 N., 83.36 W.
Macquarie, riv., New S. Wales, trib. of Darling ; 750 m. 31.40 S., 147.53 E.
Madagascar, large isl., S.E. of Africa ; French ; p. 2¾ mil. 20.00 S., 47.00 E.
Madeira, Port. isl., chf. of grp., off N.W. Africa ; p. 150,850. 32.43 N., 17.00 W.
Madeira, riv., S. Amer., affluent of Amazon ; 2,000 m. 9.20 S., 64.30 W.
Madison, cap. Wisconsin, U.S. ; capitol, univ. ; p. 25,128. 43.03 N., 89.18 W.
Madison, co. cap., Indiana, U.S. ; mnfs. ; p. 7,870. 38.46 N., 85.20 W.
Madras, cy., spt., cap. Madras Pres. ; observ. ; p. 510,000. 13.05 N., 80.17 E.
Madras Pres., div., India ; a. 141,190 sq. m., p. 42½ mil. 14.00 N., 79.00 E.
Madrid, cap. Spain ; univ., cath., var. mnfs. ; p. 540,500. 40.25 N., 3.43 W.
Madura, cap. M. dist., Madras, Br. India ; p. 106,000. 9.56 N., 78.07 E.
Madura, isl., D. E. Ind. ; a. 1,700 sq. m., p. 1,773,950. 7.00 S., 113.10 E.
Maesteg, tn., Glam., Wales ; coal mines ; p. 15,250. 51.37 N., 3.39 W.
Maestricht, cap. Limburg, Holland ; mnfs. ; p. 37,551. 50.51 N., 5.42 E.
Mafeking, tn., Br. Bechuanaland ; siege 1899–1900. 25.24 S., 25.36 E.
Magadoxo, spt., Somaliland, E. Africa ; p. 7,250. 2.03 N., 45.13 E.
Magdala, hill fortress, Abyssinia ; destroyed 1868. 11.42 N., 39.18 E.
Magdalena, chf. riv., Colombia ; 600 m. long. 10.30 N., 74.48 W.
Magdalen Is., small grp., G. of St. Lawrence ; p. 5,200. 47.30 N., 61.50 W.
Magdeburg, cap., Saxony, Prussia ; cath. ; p. 240,663. 52.09 N., 11.38 E.
Magellan, Strait of, Chile, S. Amer. ; 375 m. long. 53.00 S., 74.00 W
Magenta, tn., Milan, Italy ; battle 1859 ; p. 8,200. 45.27 N., 8.53 E.
Mageroe, isl., Norway, contains most N. pt. of Europe. 71.05 N., 25.40 E.
Maggiore, Alpine lake, Italy and Switz. ; 39 m. lon. 45.55 N., 8.35 E.
Mahánadi, riv., India, flows to B. of Bengal ; 520 m. 20.30 N., 85.00 E.
Mahé, Fr. settlement, W. coast of India ; p. 9,320. 11.41 N., 75.33 E.
Maidenhead, mkt. tn., Berks, Eng. ; p. 13,100. 51.32 N., 0.42 W.
Maidstone, co. tn., Kent, Eng. ; mnfs. paper ; p. 33,855. 51.17 N., 0.32 E.
Main, riv., Ger., affluent of the Rhine ; 307 m. 50.06 N., 8.33 E.
Maine, old prov., France, capital Le Mans. 48.00 N., 0.30 W.
Maine, state, U.S. ; a. 33,040 sq. m., p. 714,494. 45.20 N., 69.00 W.
Maine-et-Loire, dep., France ; a. 2,749 sq. m., p. 513,490. 47.25 N., 0.30 W.
Mainz (Mayence), tn., fort., Hesse, Ger. ; mnfs. ; p. 91,179. 50.00 N., 8.16 E.
Maitland, tn., New S. Wales ; mills, tobacco ; p. 11,750. 32.46 S., 151.07 E.
Majorca, lgst. isl., Balearic Is. ; a. 1,310 sq. m., p. 252,000. 39.35 N., 3.00 E.
Majuba Hill, N. Natal, scene of Eng. defeat, 1881. 27.35 S., 29.54 E.
Malabar, dist., coast, India ; a. 5,585 sq. m., p. 2,666,000. 10.30 N., 75.20 E.
Malacca, Br. sett., Malay Pen., a. 659 sq. m., p. 96,000. 2.15 N., 102.30 E.
Malacca, cap. of above ; ruins of fam. church ; p. 20,000. 2.14 N., 102.13 E.
Malacca Strait, between Malay Pen. and Sumatra. 5.30 N., 98.30 E.
Maladetta, mt., Pyrenées ; pk. 11,170 ft. 42.38 N., 0.40 E.
Malaga, spt., cap. M. prov., Spain ; textiles ; p. 131,350. 36.45 N., 4.27 W.
Malar, most beaut. lake of Sweden ; a. 650 sq. m. 59.30 N., 17.00 E.
Malay Pen., most S.E. part Asia ; a. 75,000 sq. m., p. 1½ mil. 8.00 N., 101.00 E.
Malden, tn., Mass., U.S. ; india-rubber goods ; p. 38,037. 42.27 N., 71.09 W.
Malden, Brit. isl., Cent. Pacific ; guano ; p. 170. 4.30 S., 154.42 W.
Maldive Is., Br. coral chain, Indian Ocean ; p. 30,000. 5.00 N., 73.30 E.
Maldon, tn., Essex, Eng. ; mnfs. salt ; p. 5,584. 51.44 N., 0.41 E.
Malines (Mechlin), cy., Belgium ; woollens ; p. 59,218. 51.02 N., 4.28 E.
Mallow, w. pl., Cork, Ire. ; tanning ; p. 4,542. 52.08 N., 8.38 W.
Malmesbury, mkt. tn., Wilts, Eng. ; silk ; p. 2,880. 51.35 N., 2.06 W.
Malmö, fort. tn., Sweden ; shipbuilding ; p. 81,120. 55.35 N., 13.01 E.
Malplaquet, vil., Nord, France ; battle 1709. 50.20 N., 3.50 E.
Malta, Br. isl., Mediterranean ; a. 96 sq. m., p. 212,888. 35.53 N., 14.27 E.
Malton, tn., Yorks, Eng. ; iron foundries ; p. 3,250. 54.08 N., 0.48 W.

Malvern, Great, w. pl., Worcs, Eng. ; p. 16,750. 52.07 N., 2.19 W.
Man, Isle of, isl., Irish Sea ; a. 227 sq. m., p. 55,000. 54.15 N., 4.30 W.
Manacor, tn., Majorca, Balearic Is. ; p. 12,755. 39.34 N., 3.14 E.
Managua, cap. Nicaragua, on M. lake ; p. 34,872. 12.10 N., 86.12 W.
Manáos, cap. Amazonas, Brazil, on R. Negro ; p. 50,000. 3.15 S., 60.55 W.
Manar, Gulf of, between India and Ceylon. 8.00 N., 79.00 E.
Manche, dep., France ; a. 2,289 sq. m., p. 487,443. 49.00 N., 1.20 W.
Manchester, imp. mnfg. cy., Lancs, Eng. ; cttn. ; p. 655,435. 53.29 N., 2.14 W.
Manchester, lgst. cy., New Hampsh., U.S. ; mnfs. ; p. 64,703. 42.57 N., 71.29 W
Manchuria, N.E. div., Chinese Empire ; p. 16,000,000. 44.00 N., 130.00 E.
Mandalay, cap. Up. Burma ; silk weaving ; p. 182,800. 22.10 N., 96.00 E.
Mandvi, spt., India, on G. of Cutch ; p. 3,940. 22.56 N., 69.24 E.
Manfredonia, spt., Foggia, Italy ; p. 11,780. 41.37 N., 15.54 E.
Mangalore, spt., mil. sta., S. Kanara, Madras ; p. 43,975. 12.52 N., 74.50 E.
Manhattan I., isl., on which New York mainly stands. 40.50 N., 74.00 W.
Manihiki Is., grp. Brit. atolls, Cent. Pacific ; p. 2,000. 10.18 S., 161.00.
Manila, lgst. cy., spt., Philippines, on Luzon I. ; p. 219,930. 14.53 N., 120.52 E.
Manipur, cap. M. state, E. Bengal and Assam ; p. 67,400. 27.42 N., 94.00 E.
Manitoba, prov., Canada ; a. 74,400 sq. m., p. 454,691. 51.00 N., 98.00 W.
Manitoulin Is., isl. chain, Lake Huron, Canada. 45.48 N., 82.20 W.
Mannheim, mnfg. tn., Baden, Ger. ; palace ; p. 163,693. 49.29 N., 8.28 E.
Manresa, fort. tn., Barcelona, Spain ; mnfs. ; p. 23,550. 41.45 N., 1.47 E.
Mans, Le, cy., Sarthe, France ; cath. ; p. 65,467. 48.00 N., 0.11 E.
Mansfield, tn., Notts, Eng. ; boots, shoes ; p. 21,650. 53.09 N., 1.12 W.
Mansfield, co. cap., Ohio, U.S. ; iron foundr. ; p. 20,142. 40.46 N., 82.29 W.
Mansura, tn., Lr. Egypt, on branch of Nile ; p. 40,279. 31.05 N., 32.27 E.
Mantes, tn., Seine-et-Oise, France, on Seine ; p. 8,075. 48.59 N., 1.42 E.
Mantua, fort. tn., cap. M. prov., N. Italy ; p. 39,350. 45.09 N., 10.47 E.
Manzanillo, spt., on S. coast of Cuba ; p. 15,000. 20.21 N., 77.03 W.
Manzanillo, spt., Mexico, on W. coast ; p. 4,000. 19.03 N., 104.16 W.
Maracaibo, fort. cy., gulf, Venezuela ; p. 44,760. 10.38 N., 71.42 W.
Maranhâo, cap. M. state, Brazil ; cath. ; p. 40,000. 2.30 S., 44.12 W.
Marash, tn., As. Turkey ; carpet market ; p. 50,000. 37.37 N., 36.45 E.
Marathon, vil., Attica, Greece ; great battle 490 B.C. 38.07 N., 23.55 E.
Marazion, w. pl., Cornwall, Eng. ; on Mounts Bay. 50.08 N., 5.28 W.
Marburg, anc. tn., Hesse-Nassau, Ger. ; univ. ; p. 18,000. 50.49 N., 8.45 E.
Marburg, tn., Styria, Austria ; schools ; p. 24,800. 46.34 N., 15.39 E.
March (Morava), riv., Austria, trib. of Danube ; 214 m. 48.20 N., 16.53 E.
Maree, Loch, beaut. lake, Ross, Scot. ; a. 11 sq. m. 57.42 N., 5.25 W.
Marengo, vil., N. Italy ; battle 1800. 44.53 N., 8.39 E.
Margarita, isl. of Venezuela in Caribbean Sea. 11.00 N., 64.00 W.
Margate, spt., w. pl., Kent, Eng. ; p. 23,250. 51.23 N., 1.23 E.
Marghilan, cap. Ferghana ; silks ; p. 35,000. 41.12 N., 71.34 E.
Maria-Theresiopel, tn., Hungary ; p. 82,000. 46.08 N., 19.42 E.
Marie Galante, Fr. isl., West Indies ; p. 17,750. 15.57 N., 61.16 W.
Marienbad, health res., Bohemia, Austria ; p. 4,599. 49.58 N., 12.43 E.
Marienburg, tn., W. Prussia ; castle ; p. 10,900. 54.01 N., 19.00 E.
Marienwerder, tn., W. Prussia ; castle ; p. 9,721. 53.44 N., 18.54 E.,
Marion, co. cap., Indiana, U.S. ; foundries ; p. 24,181. 40.34 N., 85.40 W.
Mariopol, spt., S. Russia, on S. of Azov ; p. 32,000. 47.07 N., 37.39 E.
Maritza, riv., Eur. Turkey, 270 m. long. 41.00 N., 26.22 E.
Market Deeping, mkt. tn., Lincs, Eng. ; p. 1,000. 52.42 N., 0.20 W.
Market-Drayton, tn., Salop, Eng. ; gram. sch. ; p. 10,050. 52.54 N., 2.30 W.
Market-Harborough, mkt. tn., Leics, Eng. ; p. 7,791. 52.29 N., 0.56 W.
Marlborough, mkt. tn., Wilts, Eng. ; coll. ; p. 3,921. 51.25 N., 1.44 W.
Marlborough, prov. dist., South I., N.Z. ; p. 12,890. 41.48 S., 173.30 E.
Marlow, Great, mkt. tn., Bucks, Eng. ; p. 4,750. 51.34 N., 0.46 W.
Marmora, Sea of, separates Eur. and As. Turkey. 40.40 N., 28.00 E.
Marne, riv., France, trib. of the Seine ; 326 m. 49.00 N., 3.20 E.
Marne, dep., France ; a. 3,159 sq. m., p. 434,157. 49.00 N., 4.10 E.

Maros-Vasarhely, cap. Szeklerland, Hungary ; p. 19,795. 46.28 N., 24.31 E.
Marquesas Is., volc. grp., Polynesia ; p. 3,440. 8.00 S., 140.00 W.
Marsala, spt., W. Sicily ; citadel, cath. ; p. 57,825. 37.49 N., 12.25 E.
Marseilles, spt., Bouches-du-Rhône, Fr. ; obsrv. ; p. 517,498. 43.17 N., 5.22 E.
Marshall Is., Ger. grp., W. Pacific ; copra ; p. 15,400. 11.00 N., 166.00 E.
Marston Moor, W.R. Yorks, Eng. ; battle 1644. 53.59 N., 1.15 W.
Martinique, Fr. isl., W. Indies ; a. 380 sq. m., p. 182,000. 14.40 N., 61.00 W.
Maryborough, tn., prt., Qunsld., on Mary R. ; p. 12,900. 25.30 S., 152.39 E.
Maryborough, cap. Queen's co., Ire. ; p. 2,957. 53.02 N., 7.18 W.
Maryland, state, U.S. ; a. 12,210 sq. m., p. 1,304,564. 39.00 N., 76.30 W.
Marylebone, parl. bor., N.W. London ; p. 132,850. 51.31 N., 0.06 W.
Maryport, spt., Cumb, Eng. ; shpbldg. ; p. 12,960. 54.38 N., 3.29 W.
Marysville, co. cap., Cal., U.S. ; fruit ; p. 3,525. 39.09 N., 121.14 W.
Masampho, spt., Corea, on S. coast ; p. 25,000. 35.10 N., 128.32 E.
Mashonaland, country, S. Rhodesia ; p. 461,000. 20.00 S., 30.00 E.
Mask, Lough, lake, Galway and Mayo, Ire. 53.37 N., 9.20 W.
Maskat, cap. Oman, Arabia ; exports pearls ; p. 20,000. 23.29 N., 58.33 E.
Massa, cy., N. Italy ; cath., ducal palace ; p. 26,120. 44.00 N., 10.10 E.
Massachusetts, state, U.S. ; a. 8,315 sq. m., p. 3,003,680. 42.20 N., 72.00 W.
Massawa, Ital. spt., on isl. in Red Sea ; p. 2,275. 15.37 N., 39.27 E.
Masulipatam, spt., Madras, Br. India ; p. 39,900. 16.10 N., 81.10 E.
Matabeleland, country, S.E. Africa ; p. 221,000. 20.00 S., 28.00 E.
Matamoros, riv. port, Mexico, on R. Grande ; p. 13,840. 25.59 N., 97.28 W.
Matanzas, fort. spt., N. coast Cuba ; sugar ; p. 36,000. 23.03 N., 81.36 W.
Matapan, cape, most S. point of Greece. 36.23 N., 22.29 E.
Mataro, spt., Barcelona, Spain ; cotton ; p. 18,820. 41.33 N., 2.24 E.
Matlock, w. pl., Derby, Eng. ; hydros ; p. 6,025. 53.08 N., 1.34 W.
Matterhorn (Mount Cervin), pk., Pennine Alps ; 14,775 ft. 45.58 N., 7.35 E.
Matto Grosso, state, Brazil ; a. 532,550 sq. m., p. 119,000. 13.00 S., 56.00 W.
Maubeuge, fort. tn., Nord, France ; foundries ; p. 20,950. 50.17 N., 4.01 E.
Mauritius, Br. isl., Ind. O. ; a. 705 sq. m., p. 374,000. 20.10 S., 57.35 E.
Maybole, tn., Ayr, Scot. ; mnfs. shoes ; p. 7,921. 55.21 N., 4.40 W.
Mayenne, dep., France ; a. 1,996 sq. m., p. 305,457. 48.05 N., 0.45 W.
Mayenne, tn., Mayenne, France ; mnfs. cloth ; p. 10,320. 48.19 N., 0.39 W.
Maynooth, tn., Kildare, Ire. ; theol. coll. ; p. 949. 53.24 N., 6.33 W.
Mayo, marit. co., Ire. ; a. 2,126 sq. m., p. 199,166. 53.50 N., 9.00 W.
Mayotte, Fr. isl., Comoro Is., Indian Ocean ; p. 12,850. 12.40 S., 40.10 E.
Mazanderan, prov., Persia ; a. 10,400 sq. m., p. 300,000. 36.15 N., 52.00 E.
Mazatlan, spt., riv., Mexico ; cath. ; cotton ; p. 13,500. 23.11 N., 106.23 W.
Meath, marit. co., Ire. ; a. 906 sq. m., p. 67,497. 53.40 N., 6.45 W.
Meaux, tn., Seine-et-Marne, France ; cath. ; p. 13,750. 48.57 N., 2.52 E.
Mecca, holy cy., cap. El Hedjâz, Arabia ; p. 60,000. 21.21 N., 40.11 E.
Mecklenburg-Schwerin, gd. duchy, Ger. ; p. 625,045. 53.40 N., 11.55 E.
Mecklenburg-Strelitz, gd. duchy, Ger. ; p. 103,451. 53.28 N., 13.30 E.
Medellin, cy., cap. Antioquia, Colombia ; p. 60,000. 6.02 N., 75.49 W.
Medina, holy cy., El Hedjâz, Arabia ; p. 50,000. 24.58 N., 39.58 E.
Mediterranean Sea, largest inland sea ; a. 1 mil. sq. m. 39.00 N., 14.00 E.
Medoc, famous wine dist., S.W. France. 45.09 N., 0.42 W.
Medway, riv., Kent, Eng. ; joins Thames R. ; 70 m. 51.27 N., 0.43 E.
Meerane, mnfg. tn., Saxony, Ger. ; woollens ; p. 25,011. 50.51 N., 12.28 E.
Meerut, tn., United Provs., Br. India ; p. 119,000. 29.00 N., 77.41 E.
Mehadia, tn., health res., S.E. Hungary ; p. 2,600. 44.55 N., 22.22 E.
Mehala-el-Kebir, tn., Lr. Egypt ; cotton ; p. 47,955. 30.58 N., 31.07 E.
Meiningen, cap. Sax-M., Ger. ; castle ; p. 15,985. 50.34 N., 10.25 E.
Meissen, tn., Saxony, Ger. ; cath. ; porcelain ; p. 32,971. 51.10 N., 13.28 E.
Mekong, lgst. riv., Siam Pen., enters China S. ; 2,800 m. 15.00 N., 106.18 E.
Melbourne, spt. cy., cap. Vict., Aus. ; univ. ; p. 562,300. 37.49 S., 144.59 E.
Melegnano, tn., N. Italy ; battles 1513, 1859 ; p. 5,700. 45.21 N., 9.19 E.
Melilla, fort. Span. sett., N. cst. Morocco ; p. 9,000. 35.16 N., 2.58 W.
Melos, volc. isl., Cyclades, Greece ; p. 4,250. 36.42 N., 24.25 E.

Melrose, tn., Roxburgh, Scot., on R. Tweed ; p. 2,220. 55.37 N., 2.44 W.
Melton Mowbray, tn., Leics, Eng. ; hunt. centre ; p. 7,470. 52.47 N., 0.53 W.
Melville, isl., Arctic Ocean; 200 m. by 130 m. 75.40 N., 112.30 W.
Melville, isl., N. coast of Australia ; a. 143 sq. m. 11.40 S., 131.00 E.
Melville Pen., part of N.E. Canada ; 250 m. by 100 m. 68.00 N., 84.00 W.
Memel, fort. spt., E. Prussia ; var. mnfs. ; p. 20,325. 55.42 N., 21.10 E.
Memel (Niemen), riv., Prussia and Russia ; 550 m. 55.04 N., 22.15 E.
Memphis, cy., pt. of ent., Tenn., U.S. ; rly. cent. ; p. 125,018. 35.09 N., 90.00 W.
Menado, isl., tn., port, Celebes, D.E. Indies. 1.30 N., 125.00 E.
Menai Strait, chan., between Carn. and Anglesey, Wales. 53.12 N., 4.13 W.
Mende, cap. Lozère, France ; cath. ; cloth ; p. 7,360. 44.31 N., 3.30 E.
Mendip Hills, range, Somerset, Eng. ; pk. 1,067 ft. 51.18 N., 2.42 W.
Mendoza, cap. M. dep., Argentina ; college ; p. 32,000. 32.52 S., 68.48 W.
Menin, frontier tn., Belgium, on Lys R. ; p. 18,820. 50.47 N., 3.06 E.
Menteith, beaut. lake, S.W. Perth, Scot. ; 1½ m. by 1 m. 56.09 N., 4.17 W.
Mentone, tn., Alpes-Marit., Fr. ; winter res. ; p. 9,975. 43.49 N., 7.29 E.
Meppel, tn., Drenthe, Holland ; p. 10,325. 52.42 N., 6.11 E.
Mequinez (Miknas), walled tn., Morocco ; p. 30,000. 34.00 N., 5.32 W.
Meran, tn., health res., Tyrol, Austria ; p. 9,374. 46.41 N., 11.08 E.
Mergui, spt., arch., Burma ; ed. birds nests ; tn. p. 10,300. 12.29 N., 98.31 E.
Merida, tn., Badajoz, Spain ; Roman remains ; p. 9,176. 38.52 N., 6.22 W.
Merida, cap. Yucatan, Mexico ; cath., univ. ; p. 43,650. 20.57 N., 89.39 W.
Meriden, cy., Conn., U.S. ; mnfs. metal wares ; p. 25,880. 41.30 N., 72.47 W.
Merioneth, co., N. Wales ; a. 602 sq. m., p. 64,750. 52.50 N., 3.50 W.
Merrimac, riv., Mass., U.S. ; numerous falls ; 150 m. 43.30 N., 71.43 W.
Merseburg, tn., Saxony, Pruss. ; cath., cstl. ; p. 19,375. 51.21 N., 12.00 E.
Mersey, imp. riv., Eng. ; enters Irish Sea ; 70 m. long. 53.20 N., 2.55 W.
Merthyr-Tydfil, mkt. tn., Glam., Wales ; cl. ; p. 123,000. 51.45 N., 3.22 W.
Merv, oasis, mil. sta., Russ. Turkestan ; 60 m. by 40 m. 37.32 N., 61.45 E.
Meshed, chf. cy., N.E. Persia, cap. Khorassan ; p. 60,000. 36.18 N., 59.44 E.
Mesopotamia, country, As. Turkey ; p. 1,398,200. 35.30 N., 41.30 E.
Messenia, S.W. province, Greece ; p. 127,991. 37.20 N., 21.45 E.
Messina, cy., spt., N.E. Sic. ; earthqu. 1909 ; p. 148,000. 38.12 N., 15.33 E.
Metz, strong fort. cy., Lorraine, Ger. ; cath. ; p. 60,419. 49.06 N., 6.12 E.
Meurthe-et-Moselle, dep., Fr. ; a. 2,020 sq. m., p. 517,508. 48.40 N., 6.30 E.
Meuse, riv., France and Belgium ; 500 m. long. 49.10 N., 4.52 E.
Meuse, dep., France ; a. 2,404 sq. m., p. 280,220. 49.00 N., 5.25 E.
Mexborough, tn., W.R. Yorks, Eng. ; ironwks. ; p. 10,480. 53.29 N., 1.19 W.
Mexico, repub., N. Amer. ; a. 751,300 sq. m., p. 13¾ mil. 22.00 N., 102.00 W.
Mexico, cap. of above ; cath., univ., colleges ; p. 369,000. 19.25 N., 99.05 W.
Mexico, Gulf of, N. Amer. ; 1,100 m. long, 800 m. broad. 25.00 N., 90.00 W.
Mezières, fort. tn., cap. Ardennes, France ; p. 7,920. 49.45 N., 4.43 E.
Mhow, Br. sta., tn., Cent. India ; p. 31,875. 22.34 N., 75.42 E.
Michigan, great lake, N. America ; a. 22,450 sq. m. 43.30 N., 87.00 W.
Michigan, state, U.S. ; a. 58,915 sq. m., p. 2,666,310. 44.30 N., 85.00 W.
Michigan City, cy., Indiana, U.S. ; mnfs. ; p. 20,000. 41.40 N., 86.52 W.
Middelburg, cap., Zealand, Holland ; cotton ; p. 18,950. 51.15 N., 3.26 E.
Middlesbrough, tn., riv. port, N.R. Yks., Eng. ; p. 105,255. 54.35 N., 1.14 W.
Middlesex, co., Eng. ; a. 283 sq. m., p. 810,750. 51.30 N., 0.15 W.
Middleton, tn., Lancs, Eng. ; silk, cotton ; p. 25,350. 53.33 N., 2.12 W.
Middleton, tn., Cork, Ireland ; college ; p. 3,450. 51.54 N., 8.10 W.
Middletown, cy., port, Conn., U.S. ; univ. ; p. 17,650. 41.34 N., 72.40 W.
Middletown, cy., New York, U.S. ; insane asy. ; p. 14,721. 41.27 N., 74.32 W.
Middlewich, mkt. tn., Cheshire, Eng. ; salt ; p. 4,695. 53.12 N., 2.27 W.
Midhurst, mkt. tn., Sussex, Eng. ; gram. sch. ; p. 1,672. 50.59 N., 0.44 W.
Midnapore, tn., Bengal, on Kasai R. ; p. 33,420. 22.27 N., 87.06 E.
Milan, cy., N. Italy ; cath. ; mnfs. silks ; p. 491,000. 45.27 N., 9.11 E.
Milazzo, fort. spt., Sicily ; battle 1860 ; p. 16,420. 38.13 N., 15.13 E.
Milford, spt., Pembroke, S. Wales ; large docks ; p. 5,165. 51.43 N., 5.02 W.
Millau, tn., Aveyron, France ; gloves ; p. 18,872. 44.07 N., 3.06 E.

Millom, tn., Cumb., Eng. ; mines, ironwks. ; p. 10,520. 54.12 N., 3.17 W.
Milwaukee, cy., co. cap., Wis., U.S. ; mnfs. ; p. 317,903. 43.02 N., 87.51 W.
Minas Geraes, state, Brazil ; a. 222,160 sq. m., p. 3½ mil. 18.50 S., 46.00 W.
Minch and Little Minch, two chans., W. of Scotland. 58.00 N., 6.00 W.
Mindanao, S. isl., Philippines ; a. 36,292 sq. m., p. 499,635. 7.30 N., 125.00 E.
Minden, tn., Westphalia, Prussia ; tobacco ; p. 637,000. 52.17 N., 8.55 E.
Minehead, w. pl., Somerset, Eng., on Brist. Ch. ; p. 2,530. 51.12 N., 3.29 W.
Minho, riv., Spain and Portugal ; 170 m. long. 41.52 N., 8.50 W.
Minieh, tn., Egypt, on Nile R. ; cotton ; p. 27,221. 28.06 N., 30.49 E.
Minneapolis, imp. cy., Minn., U.S. ; univ. ; flour ; p. 273,825. 44.54 N., 93.00 W.
Minnesota, state, U.S. ; a. 83,530 sq. m., p. 2,025,615. 45.20 N., 94.40 W.
Minorca, isl., Balearic Is. ; a. 284 sq. m., p. 38,900. 39.56 N., 4.05 E.
Minsk, cap. M. gov., Russia, on Svislock R. ; p. 90,970. 53.53 N., 27.33 E.
Miquelon, Gt. and Lit., isls. off S.W. Newfoundland. 47.03 N., 56.25 W.
Miraj, cap. M. state, Bombay, India ; p. 26,221. 16.50 N., 74.39 E.
Miramichi, riv., bay, New Brunswick, Canada ; 220 m. 46.59 N., 65.55 W.
Mirfield, mnfg. tn., W.R. Yks., Eng. ; wllns. ; p. 11,410. 53.40 N., 1.45 W.
Mirzapur, tn., United Provs., Br. India ; p. 80,000. 25.07 N., 82.34 E.
Miskolz, tn., Borsod, Hungary ; p. 40,910. 48.06 N., 20.49 E.
Mississippi, state, U.S. ; a. 46,810 sq. m., p. 1,706,272. 33.00 N., 90.00 W.
Mississippi, largest riv., N. America ; 2,616 m. long. 33.45 N., 91.00 W.
Missolonghi, spt., Greece, on G. of Patras ; p. 8,421. 38.21 N., 21.25 E.
Missouri, state, U.S. ; a. 68,735 sq. m., p. 3,363,153. 38.20 N., 92.30 W.
Missouri, riv., U.S., trib. of Mississippi R. ; 2,908 m. 39.00 N., 92.40 W.
Mistassini, lake, Quebec, Canada ; 100 m. by 12 m. 50.35 N., 72.25 W.
Mitau, cap. Courland, Russia, on R. Aa ; p. 35,135. 56.39 N., 23.42 E.
Mitchelstown, mkt. tn., Cork, Ire. ; riot 1887 ; p. 2,146. 52.16 N., 8.16 W.
Mitylene (Lesbos), Turkish isl., tn., Ægean S. ; p. 25,000. 39.10 N., 26.15 E.
Mobile, chf. cy., spt., Alab., U.S. ; shipyds. ; p. 42,903. 30.43 N., 88.03 W.
Mocha, decd. spt. frmr. cap. Yemen, Arabia ; p. 5,000. 13.10 N., 43.20 E.
Modena, cy., cap. M. prov., Italy ; univ. ; p. 63,050. 44.38 N., 10.55 E.
Modica, tn., Syracuse, Sicily ; p. 50,000. 36.52 N., 14.46 E.
Mœris, brackish lake, Egypt ; extr. length 35 m. 29.30 N., 30.40 E.
Moero (Meru), lake, Cent. S. Africa. 9.00 S., 29.00 E.
Moffat, w. pl., Up. Annandale, Dumfries, Scot. ; p. 2,170. 55.21 N., 3.27 W.
Mogador (Sueira), spt., Morocco ; var. mnfs. ; p. 20,000. 31.30 N., 9.42 W.
Mohacs, tn., Hung., on Danube, bttl. 1687 ; p. 15,890. 45.58 N., 13.37 E.
Mohammerah, port, Persia, on Karun R. ; p. 5,000. 30.27 N., 48.15 E.
Mohilef, tn., Podolia, Russia, on Dniester R. ; p. 18,430. 48.27 N., 28.00 E.
Mohilev, cap. M. gov., Russia ; tanning ; p. 47,595. 53.53 N., 30.22 E.
Mojanga, spt., N.W. Madagascar ; nat. harb. ; p. 6,000. 15.42 S., 46.18 E.
Mold, tn., Flint, Wales ; county prison ; p. 4,275. 53.10 N., 3.09 W.
Moldau, chf. riv., Bohemia, trib. of Elbe ; 278 m. 50.13 N., 14.24 E.
Moldavia, N. div., Roumania ; a. 14,668 sq. m., p. 1¾ mil. 46.30 N., 27.00 E.
Molfetta, cy., spt., S. Ital., on Adriat. ; cath. ; p. 40,645. 41.13 N., 16.36 E.
Moline, cy., Ill., U.S., on Mississippi ; mills ; p. 20,478. 41.29 N., 90.36 W.
Molucca (Spice), Is., chain, Dutch E. Indies ; p. 407,900. 0.00, 127.30 E.
Mombasa, cap., chf. spt., Brit. E. Africa ; p. 27,000. 4.03 S., 39.39 E.
Monaco, princip., on Medit., 9 m. from Nice ; p. 15,250. 43.45 N., 7.24 E.
Monaghan, co., Ire. ; a. 496 sq. m., p. 74,611. 54.12 N., 7.00 W.
Monaghan, co. tn. of above ; agric. produce ; p. 2,935. 54.15 N., 6.58 W.
Monastir (Bitolia), tn., Eur. Turkey, carpets ; p. 45,000. 41.01 N., 21.18 E.
Mondovi, cy., Cuneo, Italy ; battle 1796 ; p. 19,100. 44.22 N., 7.48 E.
Monghyr, cy., Bengal, on Ganges ; fort ; p. 35,925. 25.22 N., 86.30 E.
Mongolia, north portion Chinese Empire ; p. 2,600,000. 44.00 N., 110.00 E.
Monmouth, co. tn., Monm., Eng. ; chemicals ; p. 5,120. 51.49 N., 2.43 W.
Monmouthshire, co., W. Eng. ; a. 534 sq. m., p. 293,000. 51.43 N., 3.00 W.
Monopoli, tn., S. Italy ; cath., castle ; p. 22,750. 40.57 N., 17.18 E.
Monreale, cy., Sicily ; Norman cath. ; p. 23,595. 38.05 N., 13.17 E.
Monrovia, cap. Liberia, W. Africa ; p. 8,000. 6.15 N., 10.52 W.

Mons, cap. Hainaut, Belgium ; woollens ; p. 27,349. 50.27 N., 3.56 E.
Mont Blanc, hghst. pk. of Alps, E. France ; 15,782 ft. 45.51 N., 6.35 E.
Mont Cenis, Alpine pk. and tunnel, Turin, Italy ; 11,792 ft. 45.17 N., 7.00 E.
Mont de Marsan, cap. Landes, France ; mnfs. ; p. 11,650. 43.56 N., 0.29 W.
Mont Dore les Bains, vil., spa., Puy de Dôme, France. 45.35 N., 2.55 E.
Montana, state, U.S. ; a. 146,080 sq. m., p. 325,000. 45.00 N., 110.00 W.
Montargis, tn., Loiret, France ; mnfs. paper ; p. 12,385. 48.00 N., 2.43 E.
Montauban, cap. Tarn-et-Garonne, Fr. ; cath. ; p. 30,600. 44.01 N., 1.22 E.
Montbeliard, tn., Doubs, France ; wtchspgs. ; p. 10,078. 47.31 N., 6.46 E.
Monte Carlo, Monaco, w. pl., S. France ; p. 4,000. 43.45 N., 7.24 E.
Monte Corno, pk., Apennines, Italy ; 9,574 ft. 42.27 N., 13.40 E.
Monte Rosa, mts., Apennines, Italy ; pk. 15,217 ft. 45.54 N., 7.48 E.
Monte Sant' Angelo, pilgrimage cy., S. Italy ; p. 22,000. 41.44 N., 15.57 E.
Montenegro, indep. state, Balkan Pen. ; p. 250,000. 42.40 N., 19.20 E.
Monterey, cy., Mexico ; mining centre ; p. 66,000. 25.34 N., 100.20 W.
Monterey, cy., bay, California, U.S. ; p. 1,755. 36.35 N., 121.51 W.
Montevideo, spt., cap. Uruguay ; cathedral ; p. 316,000. 34.53 S., 56.10 W.
Montgomery, cap. Alabama, U.S. ; rly. cent. ; p. 40,808. 32.21 N., 86.23 W.
Montgomery, co. tn., Montg., Wales ; castle ; p. 1,050. 52.34 N., 3.10 W.
Montgomeryshire, co., Wales ; a. 773 sq. m., p. 55,300. 52.08 N., 3.30 W.
Montlucon, tn., Allier, France ; coal ; p. 35,225. 46.19 N., 2.37 E.
Montmorency, riv., Canada, noted for its falls. 46.52 N., 71.00 W.
Montpelier, sum. res. cap. Vermont, U.S. ; p. 6,320. 44.15 N., 72.35 W.
Montpellier, cap. Hérault, Fr. ; cath., univ. ; p. 77,114. 43.36 N., 3.54 E.
Montreal, lgst. cy., Canada ; port ; mnfs. ; p. 466,197. 45.31 N., 73.35 W.
Montreux, resort, Switz., on L. of Geneva ; p. 15,785. 46.26 N., 6.56 E.
Montrose, spt., Forfar, Scot. ; flax ; p. 12,550. 56.42 N., 2.28 W.
Montserrat, Br. isl., W. Indies ; lime juice ; p. 12,000. 16.45 N., 62.20 W.
Monza, tn., Milan, Italy ; cath. ; mnfs. ; p. 42,450. 45.34 N., 9.17 E.
Moorfoot Hills, range, S.E. Scot. ; pk. 2,136 ft. 55.45 N., 3.05 W.
Moradabad, tn., United Provs. ; metal work ; p. 80,350. 28.50 N., 78.34 E.
Moravia, crownland, Austria ; a. 8,579 sq. m., p. 2¼ mil. 49.20 N., 16.30 E.
Moray Firth, inlet, N.E. cst. Scot. ; 39 m. long. 57.40 N., 3.50 W.
Morbihan, marit. dep., Fr. ; a. 2,624 sq. m., p. 573,152. 47.50 N., 2.40 W.
Morea, the S. peninsula part of Greece. 37.30 N., 22.15 E.
Morecambe, w. pl., Lancs., Eng. ; p. 11,825. 54.04 N., 2.52 W.
Morecambe Bay, inlet, Lancs. and Westm., Eng. 54.05 N., 3.00 W.
Morelia, cap. Michoacan, Mexico ; mnfs. ; p. 37,500. 19.42 N., 100.52 W.
Moreton Bay, inlet, E. cst. Queensland ; 40 m. by 17 m. 27.19 S., 153.10 E.
Morlaix, spt., Finistère, France ; tobacco ; p. 16,250. 48.36 N., 3.49 W.
Morley, tn., W.R. Yorks, Eng. ; woollens ; p. 23,725. 53.45 N., 1.38 W.
Morocco, emp., N.W. Africa ; a. 314,000 sq. m., p. 4½ mil. 32.00 N., 5.00 W.
Morocco, S. cap. of above ; mosques ; tanning ; p. 65,500. 31.45 N., 7.32 W.
Morpeth, mkt. tn., Northumb, Eng. ; mnfs. ; p. 6,195. 55.11 N., 1.40 W.
Morristown, co. cap., N. Jers., U.S. ; irnwks. ; p. 11,355. 40.48 N., 74.32 W.
Morshansk, tn., Tambof, Russia ; fire 1874 ; p. 31,200. 53.27 N., 41.53 E.
Mortimer's Cross, vil., Heref., Eng. ; battle 1460. 52.16 N., 2.50 W.
Mortlake, par., vil., Surrey, Eng. ; malting ; p. 7,795. 51.27 N., 0.13 W.
Moscow, cy., form. cap. Russ. ; lge. trade ; p. 1,359,254. 55.42 N., 37.39 E.
Moselle, riv., France, affluent of Rhine ; 320 m. long. 49.15 N., 6.11 E.
Moskva, riv., Russia, trib. of the Oka ; 305 m. 55.40 N., 37.45 E.
Mosquito Coast, E. cst. of Nicaragua ; p. 15,000. 13.00 N., 83.50 W.
Mossamedes, spt., Port. W. Africa ; harbour ; p. 6,000. 15.07 S., 12.15 E.
Mossley, mnfg. tn., Lancs, Eng. ; cotton ; p. 13,560. 53.31 N., 2.03 W.
Mostaganem, coast tn., Algeria, N. Africa ; p. 17,850. 35.53 N., 0.05 E.
Mostar, cap. Herzegovina ; mosques ; p. 17,100. 43.25 N., 17.58 E.
Mosul, decayed tn., As. Turkey, on Tigris R. ; p. 61,000. 36.19 N., 43.09 E.
Motherwell, tn., Lanark, Scot. ; ironwks. ; p. 30,520. 55.48 N., 4.00 W.
Motril, tn., Granada, Spain ; sugar, cotton ; p. 18,630. 36.53 N., 3.37 W.
Moukden, cap. Manchuria ; war scene 1904 ; p. 158,200. 41.54 N., 123.58 E.

Moulins, cap. Allier, France ; cath. ; p. 22,500. 46.33 N., 3.20 E.
Moulmein, tn., Tenasserim, Burma ; p. 59,000. 16.23 N., 97.36 E.
Mount Bischoff, tn., Tasmania ; tin mines ; p. 1,450. 41.37 S., 145.37 E.
Mount Morgan, tn., Queensland ; gold mines ; p. 9,750. 23.45 N., 150.00 E.
Mount Vernon, Gen. Washington's home, Virg., U.S. 38.44 N., 77.13 W.
Mountain Ash, tn., Glam., Wales ; coal mines ; p. 31,255. 51.40 N., 3.22 W.
Mountmellick, tn., Queen's co., Ire. ; woollens ; p. 2,450. 53.07 N., 7.20 W.
Mount's Bay, inlet, Cornwall, Eng. ; entr. 21 m. wide. 50.07 N., 5.30 W.
Mourne Mts., range, Down, Ire. ; pk. 2,796 ft. 54.10 N., 6.04 W.
Moville, w. pl., Donegal, Ire., on L. Foyle ; p. 1,163. 55.12 N., 7.02 W.
Mozambique, Port, terr., chan., E. Africa ; p. 1,000,000. 13.25 S., 39.28 E.
Mozambique, cap. of above ; cath., arsenal ; p. 7,400. 15.02 S., 40.46 E.
Mühlhausen, tn., Saxony, Prussia ; mnfs. ; p. 34,250. 51.12 N., 10.24 E.
Muirkirk, tn., Ayr, Scot. ; ironworks ; p. 3,899. 55.32 N., 4.03 W.
Mulahacen, hghst. mt. Sierra Nevada, Spain ; 11,660 ft. 37.07 N., 3.10 W.
Mülhausen, tn., Alsace-Lorraine ; cotton ; p. 94,498. 47.46 N., 7.19 E.
Mulheim, mnfg. tn., Rhen. Prussia ; ironwks. ; p. 93,599. 51.21 N., 6.58 E.
Mulheim, tn., Rhen. Prussia, on Rhine R. ; p. 50,811. 50.54 N., 7.06 E.
Mull, isl., chan., Argyll, Scot. ; mtnous. ; p. 4,360. 56.25 N., 6.00 W.
Mullingar, co. tn., Westmeath, Ire. ; p. 4,500. 53.32 N., 7.20 W.
Multan, anc. cy., Punjab, Br. India ; p. 87,500. 30.13 N., 71.26 E.
Munchen Gladbach, mnfg. tn., Rhen. Prussia ; p. 60,709. 51.14 N., 6.26 E.
Münden, tn., Hanover, Prussia ; mnfs. ; p. 9,425. 51.26 N., 9.40 E.
Münich, cap. Bavaria ; cath., univ. ; p. 538,983. 48.09 N., 11.33 E.
Munkacs, mkt. tn., Hungary ; iron mines ; p. 13,720. 48.26 N., 22.41 E.
Munster, S.W. prov., Ire. ; a. 9,481 sq. m., p. 1,076,188. 52.24 N., 8.36 W.
Münster, cap. Westphalia, Prussia ; cath. ; p. 81,468. 51.57 N., 7.37 E.
Murcia, cap. M. prov., Spain. ; cath. ; gvt. fact ; p. 111,850. 37.59 N., 1.10 W.
Murghab, riv., Cent. Asia, rises N.E. of Herat ; 400 m. 36.00 N., 63.00 E.
Murray, longest riv., Aust., enters Encounter B. ; 1,120 m. 34.01 S., 140.00 E.
Murshidabad, tn., Bengal, Br. India ; p. 15,275. 24.10 N., 88.15 E.
Murzuk, cap. Fezzan, Tripoli, N. Africa ; p. 3,000. 25.49 N., 14.12 E.
Muskegon, co. cap., Mich., U.S. ; lumber ; p. 20,897. 43.12 N., 86.06 W.
Musselburgh, old-fash. tn., Edinburgh, Scot. ; p. 11,701. 55.57 N., 3.03 W.
Muttra, tn., United Provs. ; temps., mosqs. ; p. 60,255. 27.30 N., 77.42 E.
Muzaffarpur, tn., Bengal, on Lit. Gandak ; p. 49,600. 26.06 N., 85.24 E.
Mysore, nat. state, S. India ; a. 29,445 sq. m., p. 5½ mil. 13.00 N., 76.40 E.
Mysore, cy., cap. of above ; palace, college ; p. 68,500. 12.18 N., 76.40 E.

Naas, garrison tn., Kildare, Ireland ; p. 3,836. 53.13 N., 6.39 W.
Nagasaki, spt., Kiushiu, Japan ; docks ; p. 176,480. 32.48 N., 129.57 E.
Nagoya, tn., Honshiu, Japan ; porcelain ; p. 378,231. 36.06 N., 137.00 E.
Nagpur, cap. Cent. Provs., Br. India ; p. 128,000. 21.08 N., 79.05 E.
Nagy-Körös, tn., Hungary, 53 m. S.E. Pesth ; p. 26,850. 47.01 N., 19.47 E.
Naini Tal, sum. res., United Provs. ; p. 8,700. 29.20 N., 79.27 E.
Nairn, co. tn., w. pl., Nairn, Scot. ; harbour ; p. 4,520. 57.36 N., 3.52 W.
Nairnshire, co., Scot. ; a. 169 sq. m., p. 9,291. 57.30 N., 3.50 W.
Nam Dinh, fort. tn., Tongking, Fr. Indo-China ; p. 50,000. 20.24 N., 106.00 E.
Namaqualand, div., C. of Good Hope ; copper mines. 25.00 S., 17.00 E.
Namur, cy., cap. N. prov., Belgium ; cutlery ; p. 32,047. 50.28 N., 4.27 E.
Nanaimo, tn., Vancouver I., Br. Col. ; coal ; p. 7,000. 49.06 N., 123.54 W.
Nancy, beaut. cy., cap. Meurthe-et-Moselle, Fr. ; p. 110,570. 48.41 N., 6.11 E.
Nanga Parbat, mt., Kashmir ; 26,600 ft. 35.03 N., 74.10 E.
Nanking, cap. Kiangsu, China ; mnfs. ; p. 267,000. 32.03 N., 118.53 E.
Nantes, cy., port, cap. Loire-Inf., Fr. ; cath. ; p. 133,247. 47.13 N., 1.33 W.
Nantucket, isl., off S.E. cst., Mass., U.S. ; 15 m. long. 41.14 N., 70.05 W.
Nantwich, mkt. tn., Cheshire, Eng. ; boots ; p. 7,760. 53.04 N., 2.31 W.
Napier, spt., cy., North I., N.Z. ; timber ; p. 9,400. 39.33 S., 176.56 E.
Naples, spt., lgst, cy., Italy ; cath., univ. ; p. 547,550. 40.50 N., 14.15 E.

Narbada, riv., Cent. India, enters Cambay G. ; 800 m. 21.36 N., 72.36 E.
Narbonne, tn., Aude, France ; cath. ; mnfs. ; p. 28,890. 43.11 N., 3.00 E.
Narva, tn., Esthonia, Russia ; battle 1700 ; p. 16,800. 59.22 N., 28.06 E.
Naseby, par., Northants, Eng. ; battle 1645 ; p. 486. 52.24 N., 0.59 W.
Nashua, cy., New Hampshire, U.S. ; cotton ; p. 26,652. 42.45 N., 71.53 W.
Nashville, cy., cap. Tenn., U.S. ; univs. ; mfs. ; p. 84,703. 36.08 N., 86.47 W.
Nasik, tn., Bombay ; place of pilgrimage ; p. 21,600. 20.00 N., 73.44 E.
Nassau, cap. Bahamas, on New Providence I. ; p. 11,000. 25.02 N., 77.25 W.
Natal, Br. col., S. Africa ; a. 35,306 sq. m., p. 1,206,390. 29.20 S., 30.00 E.
Natal, spt., Brazil ; good anchorage ; p. 11,000. 5.48 S., 35.13 W.
Natchez, co. cap., Miss., U.S. ; R. C. cath. ; p. 13,476. 31.34 N., 91.20 W.
Nauheim, w. pl., Hesse-Darm., Ger. ; springs ; p. 4,550. 50.22 N., 8.43 E.
Naumburg, tn., Saxony, Prus. ; cath. ; mnfs. ; p. 23,400. 51.10 N., 11.45 E.
Nauplia, fort, spt, Morea, Greece ; p. 10,890. 37.33 N., 22.48 E.
Navan, mkt. tn., Meath, Ire. ; p. 3,839. 53.38 N., 6.42 W.
Navarino, bay, Greece ; nav. battles 425 B.C., 1827 A.D. 36.54 N., 21.45 E.
Navarre, prov., Spain ; a. 6,046 sq. m., p. 308,000. 42.38 N., 1.50 W.
Naxos, lgst. isl., tn., Cyclades, Greece ; isl. p. 25,900. 37.05 N., 25.30 E.
Nazareth, tn., N. Palestine ; home of Jesus ; p. 10,000. 32.42 N., 35.20 E.
Naze, The, the most S. point of Norway. 58.00 N., 7.02 E.
Naze, The, most E. pt., Essex, England. 51.52 N., 1.18 E.
Neagh, Lough, Ire., lgst. lake of Br. Is. ; 16 m. by 10 m. 54.35 N., 6.25 W.
Neath, tn., riv. port, Glam., S. Wales ; copper ; p. 13,800. 51.39 N., 3.48 W.
Nebraska, state, U.S. ; a. 76,855 sq. m., p. 1,335,000. 44.00 N., 100.00 W.
Nebraska Cy., co. cap., Neb., U.S. ; coll. ; mills ; p. 7,420. 40.40 N., 95.55 W.
Neckar, chf. riv., Würtemberg, Ger., trib. of Rhine ; 250 m. 49.25 N., 9.02 E.
Needles, The, rocks, off W. of I. of Wight, England. 50.39 N., 1.36 W.
Negapatam, spt., Madras, on Coromandel cst. ; p. 57,500. 10.43 N., 79.52 E.
Negri Sembilan, state, Straits Settlements ; p. 96,030. 2.40 N., 102.20 E.
Negros, volc. isl., Philip. ; a. 4,854 sq. m., p. 460,780. 10.00 N., 122.55 E.
Neisse, fort. tn., Silesia, Prussia ; mnfs. ; p. 24,360. 50.29 N., 17.20 E.
Nejd, cent. reg., Arabia ; a. 203,750 sq. m., p. 750,000. 28.00 N., 45.00 E.
Nelson, mnfg. tn., Lancs, Eng. ; cotton ; p. 32,950. 53.52 N., 2.14 W.
Nelson, prov. cap., S. I., N.Z. ; cath. ; mnfs. ; p. 7,765. 41.18 S., 173.19 E.
Nelson, riv., Canada, flows to Hudson B. ; 400 m. 56.35 N., 95.00 W.
Nemours, anc. tn., Seine-et-Marne, France ; p. 4,890. 48.14 N., 2.42 E.
Nen, riv., E. Eng.. flows into the Wash ; 70 m. 52.14 N., 1.00 W.
Nenagh, tn., Tipperary, Ire. ; slate quarries ; p. 4,704. 52.52 N., 8.12 W.
Nepal, nat. kgdm., India ; a. 54,000 sq. m., p. 5,000,000. 28.00 N., 84.00 E.
Nerchinsk, min. tn., E. Siberia ; trade cent. ; p. 6,750. 51.59 N., 116.40 E.
Ness, Loch, lake, Inverness, Scot. ; 22 m. by 1 m. 57.15 N., 4.30 W.
Netherlands, the official name of Holland (*q.v.*). 52.00 N., 5.00 E.
Neuchâtel, canton, Switz. ; a. 312 sq. m., p. 135,267. 47.00 N., 6.45 E.
Neuchâtel, cap of above ; cstl., coll. ; watches ; p. 23,400. 46.59 N., 6.55 E.
Neuilly, tn., Seine, France, close to Paris ; p. 41,145. 48.50 N., 2.20 W.
Neumünster, tn., Holstein, Prussia ; cloth ; p. 27,400. 54.04 N., 9.59 E
Neusatz, tn., Hungary, on the Danube ; p. 29,500. 45.16 N., 19.53 E.
Neuss, tn., Rhen. Prussia ; ironworks ; p. 28,620. 51.12 N., 6.41 E.
Neustadt, tn., Silesia, Prussia ; mnfs. ; p. 20,255. 50.20 N., 17.34 E.
Neustadt, tn., Lr. Austria ; machinery ; p. 28,560. 47.49 N., 16.15 E.
Neustrelitz, cap. Mecklenburg-Strelitz, Ger. ; p. 11,658. 53.20 N., 13.03 E.
Neuwied, tn., Rhen. Prussia ; castle ; p. 11,100. 50.26 N., 7.29 E.
Nevada, state, U.S. ; a. 110,700 sq. m., p. 75,000. 40.00 N., 118.00 W.
Nevers, cap. Nièvre, France ; cath. ; mnfs. ; p. 27,850. 47.00 N., 3.09 E.
Nevis, isl., Brit. W. Indies ; a. 50 sq. m., p. 13,500. 17.09 N., 62.34 W.
Nevis, Loch, sea-inlet, Inverness, Scot. ; 14 m. long. 57.00 N., 5.42 W.
New Albany, co. cap., Ind., U.S. ; fndries ; p. 23,005. 38.18 N., 85.46 W.
New Almaden, vil., Cal., U.S. ; quicksilver. 37.21 N., 121.47 W.
New Bedford, cy., port of entry, Mass., U.S. ; p. 79,076. 41.38 N., 70.59 W.
New Brighton, w. pl.. Cheshire, Eng. ; p. 4,400. 53.27 N., 3.01 W.

New Britain, tn., Conn., U.S. ; hardware ; p. 33,722. 41.40 N., 72.41 W.
New Rritain, Ger. isl., Bismarck Arch, ; a. 9,600 sq. m. 5.00 S., 151.40 E.
New Brunswick, prov., Can. ; a. 27,322 sq. m., p. 351,815. 47.00 N., 67.00 W.
New Brunswick, co. cap., New Jersey, U.S. ; p. 23,758. 40.32 N., 74.57 W.
New Caledonia, Fr. isl., S. Pacific ; pen sett. ; p. 53,346. 21.00 S., 165.00 E.
New Castile, div., Spain ; a. 53,035 sq. m., p. 1,924.500. 39.50 N., 4.00 W.
New England, the six N.E. Altantic states of U.S. 44.00 N., 71.00 W.
New Forest, dist., forest, S.W. Hants, Eng. . a. 114 sq. m. 50.50 N., 1.38 W.
New Guinea (Papua), isl., Malay Arch. ; p. 650,000. 6.00 S., 141.00 E.
New Hampshire, state, U.S. ; a. 9,305 sq. m., p. 432,624. 44.00 N., 71.30 W.
New Hanover, isl., Bismarck Arch. ; a. 570 sq. m. 2.38 S., 150.00 E.
New Haven, chf. cy., spt., Conn., U.S. ; univ. ; p. 121,227. 41.18 N., 72.57 W.
New Hebrides, volc. chain, W. Pacific ; p. 70,000. 16.00 S., 168.00 E.
New Ireland, Ger. isl., Bismarck Arch. ; a. 4,900 sq. m. 3.14 S., 152.00 E.
New Jersey, state, U.S. ; a. 7,577 sq. m., p. 2,196,237. 40.00 N., 74.30 W.
New London, prt. of entry, Conn., U.S. ; mnfs. ; p. 19,822. 40.21 N., 72.10 W.
New Mexico, state, U.S. ; a. 122,580 sq. m., p. 500,000. 35.30 N., 109.00 W.
New Orleans, chf. cy., port, Louisiana, U.S. ; p. 314,146. 30.00 N., 90.00 W.
New Plymouth, prov. cap. North I., N.Z. ; p. 5,956. 39.05 S., 174.08 E.
New Quay, w. pl., Cardigan Bay, Wales ; p. 1,240. 52.13 N., 4.22 W.
New Ross, mkt. tn., riv. port, Wexford, Ire. ; p. 5,847. 52.23 N., 6.56 W.
New Siberia, group of isls., Arctic Ocean, off Siberia. 75.00 N., 140.00 E.
New S. Wales, st., Aus. ; a. 310,700 sq. m., p. 1,591,673. 33.00 S., 147.00 E.
New Westminster, tn., Br. Col., on Fraser R. ; p. 12,000 49.21 N., 122.40 W.
New York, state, U.S. ; a. 49,170 sq. m., p. 8,226,990. 42.40 N., 76.00 W.
New York, chf. cy., com. metrop., U.S. ; univ. ; p. 4,113,043. 41.06 N., 74.00 W.
New Zealand, Br. col., S. Pacific ; p. 1,029,417. 42.00 S., 174.00 E.
Newark, co. cap., New Jersey, U.S. ; mnfs. ; p. 289,634. 40.45 N., 74.12 W.
Newark, co. cap., Ohio, U.S. ; machinery ; p. 20,419. 40.04 N., 82.23 W.
Newark-on-Trent, tn., Notts, Eng. ; malting ; p. 15,150. 53.04 N., 0.49 W.
Newburg, cy., New York, U.S. ; foundries ; p. 26,498. 41.29 N., 74.03 W.
Newbury, mkt. tn., Berks, Eng. ; race-course ; p. 11,251. 51.25 N., 1.20 W.
Newburyport, cy., port of entry, Mass., U.S. ; p. 14,675. 42.46 N., 70.58 W.
Newcastle, spt., New S. Wales, Aus. ; coal ; p. 65,500. 32.57 S., 151.44 E.
Newcastle, co. cap., Penn., U.S. ; rolling mills ; p. 36,847. 41.02 N., 80.24 W.
Newcastle-on-Tyne, imp. cy., port, Northumb, Eng. ; p. 281,584. 54.58 N., 1.37 W
Newcastle-under-Lyme, mfg. tn., Staffs, Eng. ; p. 20,255. 53.02 N., 2.14 W.
Newchwang, spt., Manchuria, on Lias R. ; p. 52,000. 40.59 N., 122.40 E.
Newfoundland, Br. is., N. Amer. ; a. 40,200 sq. m., p. 233,012. 49.00 N., 56.00 W.
Newhaven, spt., Sussex, Eng., at mouth of Ouse ; p. 6,795. 50.47 N., 0.02 E.
Newhaven, fish. vil., Edinburgh, Scot. ; p. 7,958. 55.59 N., 3.11 W.
Newmarket, tn., Cambs., Eng. ; racing capital ; p. 10,750. 52.14 N., 0.24 E.
Newmills, tn., Derby, Eng. ; calico, cotton ; p. 7,797. 53.23 N., 2.01 W.
Newport, mkt. tn., spt., Mon., Eng. ; p. 78,336. 51.35 N., 3.00 W.
Newport, cap. I. of Wight ; cement works ; p. 10,963. 50.42 N., 1.18 W.
Newport, tn., Fife, Scot., on F. of Tay ; p. 3,000. 56.26 N., 2.54 W.
Newport, co. cap., Kentucky, U.S. ; mnfs. ; p. 30,329. 39.01 N., 84.25 W.
Newport, cy., Rhode I., U.S. ; safe harbour ; p. 25,559. 41.24 N., 71.18 W.
Newport News, imp. spt., Virginia, U.S. ; p. 28,749. 37.00 N., 76.23 W.
Newry, spt., Down, Ire. ; flax, tanning ; p. 12,405. 54.11 N., 6.20 W.
Newton, cy., Mass., U.S. ; cloth, silk ; p. 36,827. 42.22 N., 71.11 W.
Newton-in-Makerfield, tn., Lancs, Eng. ; coal ; p. 16,745. 53.28 N., 2.37 W.
Newton-Stewart, tn., Wigtown, Scot. ; p. 2,620. 54.57 N., 4.30 W.
Newtown, tn., Montgomery, Wales ; flannel ; p. 3,947. 52.31 N., 3.19 W.
Newtownwards, tn., Down, Ire. ; flax ; p. 9,110. 54.36 N., 5.41 W.
Niagara, riv. and famous falls, N. America. 43.15 N., 79.08 W.
Niagara Falls, cy., New York, U.S. ; p. 26,560. 43.06 N., 79.06 W.
Nicaragua, indep. state, Cent. America ; p. 600,000. 12.00 N., 85.00 W.
Nice, beaut. cy., spt., Alpes-Marit., France ; p. 134,232. 43.44 N., 7.14 E.
Nicobar Is., grp., Indian Ocean ; a. 684 sq. m., p. 6,400. 8.00 N., 93.00 E

Nicosia, cap. of Cyprus ; silk, leather ; p. 16,080. 35.13 N., 33.25 E.
Nictheroy, tn., former cap., Brazil ; p. 35,000. 22.54 S., 43.06 W.
Niemen (Memel), riv., W. Russia ; 500 m. long. 55.05 N., 21.50 E.
Nièvre, dep., France ; a. 2,632 sq. m., p. 313,972. 47.10 N., 3.30 E.
Niger, imp. riv., W. Equa. Africa ; 2,600 m. long. 16.48 N., 0.05 W.
Nigeria, Br. protec., W. Equa. Africa ; p. 37,000,000. 7.15 N., 7.00 W.
Niigata, spt., W. Japan, at mth. Shinano ; p. 61,620. 37.42 N., 138,48 E.
Nijni-Novgorod, com. cy., cap. N. gov., Russ. ; p. 90,050. 56.18 N., 44.02 E.
Nijni-Tagilsk, min. tn., Perm, Russia ; p. 31,450. 57.59 N., 60.19 E.
Nikolayevsk, port, Siberia, on Amur R. ; p. 3,500. 53.12 N., 140.50 E.
Nikolayef, spt., Kherson, Russia ; nav. sta. ; p. 95,840. 46.58 N., 32.00 E.
Nile, lgst. riv., Africa ; enters Mediterranean ; 3,675 m. 30.54 N., 30.49 E.
Nilgiri Hills, mts., dist., Madras, India ; pks. 8,700 ft. 11.25 N., 76.45 E.
Nimeguen, tn., Gelderland, Holland ; mnfs. ; p. 54,735. 51.50 N., 5.50 E.
Nimes, cap. Gard, France ; cath. ; mnfs. silk ; p. 80,184. 43.51 N., 4.21 E
Ningpo, treaty port, Chekiang, China ; p. 260,000. 29.42 N., 121.21 E.
Niort, cap. Deux-Sèvres, Fr. ; rly. junc. ; p. 23,950. 46.19 N., 0.27 W.
Nipigon, lake, Ontario, Canada ; 70 m. long. 49.42 N., 88.30 W.
Nipissing, lake, Ontario, Canada ; 50 m. by 28 m. 46.16 N., 80.00 W.
Nippon (Honshiu), main isl., Japan ; p. 37½ mil. 36.00 N., 139.00 E.
Nish, chf. tn., S. Servia, citadel, forts ; p. 21,946. 43.27 N., 21.59 E.
Nith, riv., S. Scot., enters Solway Firth ; 71 m. 54.59 N., 3.33 W.
Nogent-le-Rotrou, tn., Eure-et-Loir, France ; p. 8,520. 48.19 N., 0.48 E.
Nome, lgst. tn., Alaska ; gold-mining ; p. 2,500. 64.27 N., 165.00 W.
Nord, dep., N. France ; a. 2,193 sq. m., p. 1,895,861. 50.30 N., 3.20 E.
Norderney, small isl., Prussia ; sea-bathing ; p. 4,100. 53.47 N., 7.11 E.
Nordhausen, tn., Prussian Saxony ; p. 28,760. 51.30 N., 10.48 E.
Nore, sandbank, Eng., in Thames estuary. 51.28 N., 0.48 E.
Norfolk, co., E. Eng. ; a. 2,044 sq. m., p. 460,575. 52.12 N., 1.00 E.
Norfolk, cy., port of entry, Virginia, U.S. ; p. 66,931. 36.50 N., 76.23 W.
Norfolk, isl., W. Pacific ; cable station ; p. 840. 28.58 S., 168.03 E.
Normandy, old prov., N.E. France ; cap. Rouen. 49.00 N., 0.00.
Normanton, tn., W.R. Yorks, Eng. ; coal ; p. 12,485. 53.40 N., 1.30 W.
Norristown, co. cap., Penn., U.S. ; cotton ; p. 22,545. 40.09 N., 75.18 W.
Norrköping, mnfg. tn., Sweden ; cloth, sugar ; p. 45,416. 58.35 N., 16.10 E.
North Adams, mfg. cy., Mass., U.S. ; woollens ; p. 22,150. 42.41 N., 73.08 W.
North America, continent ; a. 9 mil. sq. m., p. 105 mil. 45.00 N., 95.00 W.
North Berwick, w. pl., Scot., on F. of Forth ; p. 2,800. 56.03 N., 2.43 W.
North Brabant, prov., Holland ; a. 1,980 sq. m., p. 620,101. 51.30 N., 5.30 E.
North Cape, most N. pt. of Norway and Europe. 71.12 N., 25.46 E.
North Carolina, st., U.S. ; a. 52,250 sq. m., p. 2,059,326. 35.40 N., 79.00 W.
North Dakota, state, U.S. ; a. 70,183 sq. m., p. 480,082. 47.30 N., 100.00 W.
North Holland, prov., Holl. ; a. 1,070 sq. m., p. 1,103,514. 52.30 N., 4.45 E.
North Kanara, dist., Bombay ; a. 3,910 sq. m., p. 446,850. 15.40 N., 74.20 E.
North Sea (German Ocean), N.E. extension of Atlantic O. 52.30 N., 3.30 E.
North Shields, spt., mkt. tn., Northumb, Eng. ; p. 5,760. 55.00 N., 1.27 W.
N. Uist, isl., Hebrides, Scot. ; p. 3,000. 57.42 N., 7.18 W.
North Walsham, mkt. tn., Norfolk, Eng. ; p. 4,000. 52.48 N., 1.34 E.
North West Frontier Prov., new prov., Br. Ind. ; p. 2¼ mil. 34.00 N., 72.00 E.
North West Provs., Br. India ; now United Provs. (*q.v.*). 27.17 N., 80.05 E.
North West Terrs., reg., N. and E. of Canada. 65.00 N., 100.00 W.
Northallerton, mkt. tn., cap. N.R. Yorks, Eng. ; p. 4,150. 54.21 N., 1.26 W.
Northampton, co. tn., Northants, Eng. ; boots ; p. 97,752. 52.15 N., 0.54 W.
Northampton, co. cap., Mass, U.S. ; mnfs. ; p. 19,957. 42.14 N., 72.39 W.
Northamptonshire, co., Eng., a. 1,003 sq. m., p. 338,650. 52.15 N., 1.00 W.
Northern (Commonwealth) Terr., Aust. ; a. 523,620 sq. m., p. 3,597. 20.00 S., 135.00 E.
Northumberland, co., Eng. ; a. 2,015 sq. m., p. 603,850. 55.15 N., 2.00 W.
Northwich, tn., Cheshire, Eng. ; salt ; p. 17,760. 53.16 N., 2.31 W.
Norway, kgdm., N.W. Eur. ; a. 124,495 sq. m., p. 2,352,786. 66.00 N., 13.00 E.
Norwich, cap. Norfolk, Eng. ; cath. ; brewing ; p. 124,136. 52.38 N., 1.15 W.

Norwich, co. cap., Conn., U.S. ; paper, cotton ; p. 19,759. 41.32 N., 72.06 W.
Nossi-Bé, volc. isl., N.W. of Madagascar ; p. 9,500. 13.14 S., 48.15 E.
Nottingham, co. tn., Notts, Eng. ; mnfs. lace ; p. 263,443. 52.57 N., 1.08 W.
Nottinghamshire, co., Eng. ; a. 843 sq. m., p. 514,800. 53.05 N., 1.00 W
Noumea, cap. New Caledonia, W. Pacific ; p. 7,000. 22.06 S., 166.48 E.
Nova Scotia, pen. prov., Can. ; a. 20,907 sq. m., p. 460,000. 45.00 N., 64.00 W.
Novara, cap. N. prov., Italy ; cath. ; textiles ; p. 44,520. 45.30 N., 8.35 E.
Novaya Zemlya, islands, Arctic Ocean ; 600 m. in length. 71.00 N., 55.00 E.
Novgorod, cy., cap. N. gov., Russia ; cath. ; p. 26,990. 58.36 N., 31.17 E.
Novibazar, tn., Eur. Turkey, on Rashka riv. ; p. 12,700. 43.04 N., 20.35 E.
Novocherkask, cap. Don Cossacks, Russia ; p. 51,980. 47.23 N., 40.17 E.
Novorossisk, fort. spt., Russia, on Black S. ; p. 16,900. 44.42 N., 37.42 E.
Nubia, reg., Egypt. Sudan ; a. 280,000 sq. m., p. 1,000,000. 19.00 N., 30.00 E.
Nuevo Leon, state, Mexico ; a. 23,592 sq. m., p. 328,000. 25.30 N., 99.40 W.
Nukha, tn., Caucasia, Russia ; p. 24,800. 41.12 N., 47.10 E.
Nuneaton, mkt. tn., Warwick, Eng. ; worsted ; p. 25,100. 52.32 N., 1.28 W.
Nuremberg, mnfg. cy., Bavaria ; toys ; p. 294,426. 49.27 N., 11.05 E.
Nyasa, lake, Equa. E. Africa ; 350 m. by 40 m. 12.00 S., 34.40 E.
Nyasaland, protec., Br. Cent. Africa ; p. 997,000. 13.00 S., 34.00 E.
Nyeshin, tn., Chernigof, Russia ; tobacco ; p. 32,120. 51.05 N., 31.50 E.
Nyiregyháza, tn., Hungary ; vineyards , p. 31,975. 47.58 N. 21.41 E.
Nyköping, spt., Sweden ; engineering ; p. 7,420. 58.45 N., 17.01 E.

Oahu, isl., Sandwich Is. ; a. 600 sq. m., p. 58,504. 21.30 N., 158.00 W.
Oajaca, cap. state, Mexico ; cath. ; mnfs. ; p. 37,856. 16.57 N., 96.42 W.
Oakham, co. tn., Rutland, Eng. ; boots ; p. 3,321. 52.42 N., 0.44 W.
Oakland, co. cap., Cal., U.S. ; canning ; p. 200,000. 37.50 N., 122.15 W.
Oamaru, spt., w. pl., E. cst. South I., N.Z. ; p. 5,650. 45.06 S., 171.02 E.
Ob, riv., W. Siberia ; enters G. of Obi ; 2,120 m. 66.30 N., 67.00 E.
Oban, fash. w. pl., Argyll, Scot. ; cas. rns. ; p. 5,450. 56.24 N., 5.27 W.
Obeid, El, cap. Kordofan, Egypt, Sudan ; p. 35,000. 13.16 N., 30.08 E.
Ober-Ammergau, vil., Bavaria, scene of Passion Play. 47.35 N., 11.04 E.
Oberhausen, mnfg. tn., Rhen. Prussia ; coal ; p. 52,166. 51.28 N., 6.51 E.
Obok, French poss., E. Africa ; a. 2,300 sq. m., p. 25,000. 11.58 N., 43.17 E.
Oceania, cent. parts of Pacific, comprising many isls. 20.00 S., 170.00 E.
Ochil Hills, range, Scot. ; highest summit 2,363 ft. 56.15 N., 3.40 W.
Odenburg, tn., Hungary ; candied fruits ; p. 34,000. 47.41 N., 16.36 E.
Odense, chf. tn., Funen, Denmark ; cath. ; p. 40,547. 55.23 N., 10.22 E.
Oder, imp. riv., Ger., flows to the Baltic ; 550 m. 53.20 N., 14.29 E.
Odessa, imp. cy., spt., S. Russia ; expts. wht. ; p. 450,000. 46.28 N., 30.43 E.
Oesel, isl., Russia, in the Baltic ; p. 56,600. 58.18 N., 22.30 E.
Offenbach, mnfg. tn., Hesse-Darm., Ger. ; p. 59,765. 50.07 N., 8.45 E.
Ogowé (Ogowai), riv., French Equatorial Africa. 1.00 S., 13.00 E.
Ohio, state, U.S. ; a. 39,964 sq. m., p. 4,448,677. 40.00 N., 83.00 W.
Ohio, riv., U.S., affluent of Mississippi ; 975 m. 37.16 N., 88.20 W.
Oise, dep., N. France ; a. 2,261 sq. m., p. 410,049. 49.20 N., 2.25 E.
Oka, riv., Cent. Russia, trib. of Volga R. ; 706 m. 53.00 N., 100.28 E.
Okhotsk, Sea of, arm of N. Pacific Ocean. 55.00 N., 150.00 E.
Oklahoma, cy., Oklahomas, U.S. ; p. 32,452. 35.27 N., 97.30 W.
Oklahoma, state, U.S. ; a. 70,470 sq. m., p. 1,414,179. 36.00 N., 97.30 W.
Oland, isl., Sweden, in Baltic, 88 m. long ; p. 30,500. 60.15 N., 20.00 E.
Old Castile, div., Spain ; a. 25,280 sq. m., p. 1,725,000. 41.30 N., 3.30 W.
Oldbury, mnfg. tn., Worcs, Eng. ; iron ; p. 25,350. 51.38 N., 2.34 W.
Oldenburg, gd. duchy, Ger. ; a. 2,508 sq. m., p. 438,856. 53.05 N., 8.10 E.
Oldenburg, cy., cap. of above ; palace ; p. 28,565. 53.08 N., 8.12 E
Oldham, mnfg. tn., Lancs, Eng. ; p. 143,301. 53.32 N., 2.08 W.
Oléron, isl., Charente-Inf., France ; p. 17,250. 45.57 N., 1.15 W.
Olives, Mount of, hill, Palestine, E. of Jerusalem. 31.47 N., 35.16 E.
Olmütz, tn., Moravia, Austria ; cath. ; p. 22,000. 49.36 N., 17.16 E.

Olonetz, gov., Russia ; a. 57,442 sq. m., p. 422,750. 62.30 N., 37.00 E.
Olympia, cap., U.S., on Puget Sd. ; p. 10,000. 47.03 N., 122.48 W.
Omagh, co. tn., Tyrone, Ire. ; flax mills ; p. 4,789. 54.36 N., 7.19 W.
Omaha, cy., Nebraska, U.S. ; smelting wks. ; p. 155,500. 41.23 N., 96.01 W.
Oman, indep. state, Arabia ; produces dates ; p. 500,000. 22.30 N., 56.30 E.
Omdurman, tn., E. Sudan, on the Nile ; p. 42,850. 15.40 N., 32.50 E.
Omsk, chf. tn., Akmolinsk, Siberia ; caths. ; p. 37,505. 55.05 N., 73.30 E.
Onega, spt., N. Russia, at mth. of O. riv. ; p. 2,570. 63.53 N., 38.04 E.
Onega, large lake, N. Russia ; a. 3,764 sq. m. 61.45 N., 35.30 E.
Ontario, smallest of gt. lakes, N. Amer. ; a. 7,250 sq. m. 43.40 N., 78.00 W.
Ontario, prov., Canada ; a. 222,000 sq. m., p. 2,519,902. 44.10 N., 79.10 W.
O'okiep, imp. copper mine, in N.W. of Cape Colony. 29.34 S., 17.53 E.
Ootacamund, chf. tn., Nilgiri Hills, Madras ; p. 15,500. 11.24 N., 76.45 E.
Oporto, spt., Portugal ; cath. ; silks, wines ; p. 175,000. 41.07 N., 8.33 W.
Oppeln, tn., Silesia, Prussia ; pottery ; p. 30,350. 50.40 N., 17.54 E.
Oran, spt., Algeria ; exports alfa, cereals ; p. 106,517. 35.40 N., 0.38 W.
Orange (Gariep), riv., S. Africa ; 1,000 m. long. 28.02 S., 17.00 E.
Orange, tn., Vaucluse, France ; silk, woollens ; p. 10,155. 44.07 N., 4.49 E.
Orange, cy., New Jersey, U.S. ; mnfs. hats ; p. 26,493. 38.09 N., 78.04 W.
Orange Free State, Br. S. Africa ; p. 388,000. 28.00 S., 27.30 E.
Orebro, tn., O. prov., Sweden ; anc. castle ; p. 28,583. 59.18 N., 15.10 E.
Oregon, state, U.S. ; a. 96,030 sq. m., p. 750,000. 44.00 N., 118.00 W.
Orel, tn., cap. O. gov., Russia ; mnfs. ropes ; p. 69,800. 52.55 N., 36.07 E.
Orenburg, tn., cap. O. gov., Russia, on Ural R. ; p. 72,600. 51.47 N., 55.12 E.
Orense, cap. O. prov., Spain, on Minho R. ; p. 15,420. 40.19 N., 7.50 W.
Orihuela, tn., Alicante, Spain ; cath. ; silk ; p. 28,525. 38.07 N., 0.50 W.
Orinoco, imp. riv., S. Amer., enters Atlantic ; 1,550 m. 7.48 N., 66.00 W.
Orissa, S.W. div. of Bengal ; a. 23,242 sq. m., p. 6¼ mil. 20.30 N., 86.20 E.
Orizaba, tn., volc. (18,205 ft.), Mexico ; p. 31,500. 18.39 N., 97.08 W.
Orkney Is., group, N. of Scot. ; a. 376 sq. m., p. 28,699. 59.00 N., 3.00 W.
Orleans, cap. Loiret, France ; cath. ; p. 68,614. 47.54 N., 1.55 E.
Ormskirk, tn., Lancs, Eng. ; mnfs. cordage ; p. 6,900. 53.34 N., 2.53 W.
Ormuz, tn., isl., strait, Persia, at entr. to P. gulf. 27.03 N., 56.26 E.
Orne, dep., France ; a. 2,353 sq. m., p. 315,993. 48.40 N., 0.00.
Ortegal, cape, Galicia, Spain, the N.W. extremity. 43.47 N., 7.53 W.
Orthez, tn., Basses-Pyr., France ; bat. 1814 ; p. 6,392. 43.28 N., 0.45 W.
Ortler Spitz, pk., Tyrol, Austria ; 12,874 ft. 46.30 N., 10.34 E.
Oruro, cap. O. dep., Bolivia ; silver mines ; p. 20,670. 17.55 S., 67.24 W.
Osaka, imp. commer. cy., Honshiu, Japan ; p. 1,226,590. 34.44 N., 145.25 E.
Oshkosh, co. cap., Wis., U.S. ; lumber, flour ; p. 31,033. 44.09 N., 88.26 W.
Osnabrück, tn., Hanover, Prussia ; mnfs. ; p. 59,580. 52.17 N., 8.03 E.
Ostend, fash. w. pl., W. Flanders, Belgium ; p. 42,606. 51.14 N., 2.54 E.
Oswego, co. cap. N. York, U.S. ; flour mills ; p. 22,572. 42.08 N., 76.10 W.
Oswestry, mkt. tn., Salop, Eng. ; rly. wks. ; p. 9,620. 52.52 N., 3.04 W.
Otago, S. prov. dist., South I., N.Z. ; gold ; p. 181,000. 45.15 S., 169.00 E.
Otago, Harbour S. I., New Zealand. 45.50 S., 170.40 E.
Otaru, large spt., Hokkaido, Japan ; fisheries ; p. 91,281. 43.00 N., 141.00 E.
Otley, mkt. tn., W.R. Yorks, Eng. ; mnfs. ; p. 9,255. 53.54 N., 1.42 W.
Otranto, spt., S.E. Italy, on G. of Otranto ; p. 2,400. 40.08 N., 18.30 E.
Ottawa, lge. riv., Canada, trib. of St. Lawrence ; 625 m. 46.15 N., 78.20 W.
Ottawa, port, cap. Dom. of Canada ; lumber ; p. 86,340. 45.20 N., 75.43 W.
Otterburn, vil., Northumb, Eng. ; battle 1388. 55.15 N., 2.10 W.
Ottery St. Mary, mkt. tn., Devon, Eng. ; silk ; p. 3,525. 50.45 N., 3.16 W.
Ottumwa, co. cap., Iowa, U.S. ; rly. cent. ; p. 20,548. 41.02 N., 92.29 W.
Oudenarde, tn., Belgium ; battles 1706, 1708 ; p. 6,250. 50.51 N., 3.36 E.
Oudh, prov., Br. India ; part of United Provs. 27.00 N., 81.00 E.
Ouro Preto, cap. Minas Geraes, Brazil ; p. 13,500. 20.18 S., 43.18 W.
Ouse, riv., Yorks, Eng., trib. of Trent ; 60 m. 52.43 N., 0.24 W.
Ouse, Gt., riv., Mid. & E. Eng. ; ents. Wash ; 160 m. 52.40 N., 0.21 E.
Overyssel, prov., Holland ; a. 1,291 sq. m., p. 379,834. 52.25 N., 6.30 E.

Oviedo, cap. O. prov., Spain ; cath., univ. ; p. 48,760. 43.22 N., 5.52 W.
Oxford, cap. Oxford, Eng. ; famous univ. ; p. 52,774. 51.46 N., 1.16 W.
Oxfordshire, co., Eng. ; a. 756 sq. m., p. 181,970. 51.45 N., 1.15 W.
Oxus, riv. ; anc. name of Amu Daria, W. Asia. 39.00 N., 64.00 E.
Oyster Bay, w. pl., New York, U.S. ; p. 16,750. 40.50 N., 73.30 W.

Paarl, dist. cap., C. of G. Hope, S. Africa ; p. 11,293. 33.39 S., 18.54 E.
Pacific Ocean, lgst. hydrographic div., a. 70 mil. sq. m. 0.00, 150.00 W.
Padang, tn., Sumatra, at mth. of P. riv. ; p. 35,000. 0.52 S., 100.24 E.
Paddington, parl. bor., W. London ; p. 144,500. 51.32 N., 0.11 W.
Paderborn, tn., Westphalia, Prussia ; cath. ; p. 23,885. 51.43 N., 8.45 E.
Padua, cy., cap. P. prov., Italy ; cath. ; cloth ; p. 81,655. 45.23 N., 11.53 E.
Paducah, co. cap., Kentucky, U.S. ; shipyds ; p. 24,464. 37.07 N., 88.41 W.
Paignton, w. pl., Devon, Eng. ; palace rns. ; p. 8,400. 50.27 N., 3.33 W.
Paisley, mnfg. tn., Renfrew, Scot. ; thread ; p. 91,934. 55.51 N. 4.26 W.
Pakhoi, spt., Kwangtung, China ; p. 20,000. 21.00 N., 109.00 E.
Palanpur, state cap., Gujarat, Bombay ; p. 21,350. 24.14 N., 72.17 E.
Palapye, Bechuanaland Protec., S. Africa ; p. 10,000. 22.30 S., 27.36 E.
Palembang, tn., S. Sumatra, on Musi R. ; p. 53,795. 2.46 S., 104.50 E.
Palermo, cy., spt., cap. P. prov., Sicily ; univ. ; p. 305,850. 38.07 N., 13.22 E.
Palestine (Holy Ld.), ctry. S.W. Syria ; a. 6,000 sq. m. 30.35 N., 35.00 E.
Palk Strait, chan., between Ceylon and S. India. 10.05 N., 80.00 E.
Palma, spt., cap. Majorca, Balearic Is. ; cath ; p. 65,000. 39.26 N., 2.12 E.
Palmbeach, fash. w. pl., Florida, U.S. ; p. 320. 26.34 N., 80.02 W.
Palmerston, cy., cap. N. terr., S. Australia ; p. 2,500. 12.30 S., 131.27 E.
Palmyra (Tadmor), anc. cy., N. Syria ; fine ruins. 34.18 N., 38.34 E.
Palos, spt., S. W. Spain ; whence Columbus sailed. 37.12 N., 6.54 W.
Pamir, huge plateau, Cent. Asia ; pks. 25,500 ft. 38.00 N., 70.30 E.
Pamplona, fort. cy., N. Spain ; citadel, cath. ; p. 31,000. 42.50 N., 1.12 W.
Panama, repub., Cent. Amer. ; a. 31,650 sq. m., p. 419,030. 8.35 N., 80.50 W
Panama, cap. of above ; harb. ; cath., palace ; p. 20,000. 8.59 N., 79.32 W.
Panipat, tn., Punjab ; btls. 1526, 1556, 1761 ; p. 27,850. 29.24 N., 76.57 E.
Panjim (New Goa), cap. Goa, Port. India ; p. 8,500. 15.26 N., 73.51 E.
Para, state, Brazil ; a. 443,654 sq. m., p. 446,000. 4.00 S., 52.00 W.
Pará (Belem), spt., Brazil ; india-rubber ; p. 120,000. 1.28 S., 48.24 W.
Paraguay, imp. riv., S. Amer. trib. of Paraná ; 1,800 m. 26.30 S., 58.12 W.
Paraguay, repub., S. Amer. ; a. 142,000 sq. m., p. 631,347. 25.00 S., 56.00 W.
Parahyba, cap. P. state, Brazil ; cath. ; p. 32,000. 6.58 S., 34.59 W.
Parahyba, imp. riv., S. Amer., enters Atlantic ; 500 m. 6.32 S., 36.40 W.
Paramaribo, cap. D. Guiana, on Surinam R. ; p. 35,000. 6.44 N., 55.15 W.
Paraná, state, Brazil ; a. 85,453 sq. m., p. 328,000. 20.30 S., 55.00 W.
Paraná, cap. Entre Rios, Argentina ; p. 27,000. 31.45 S., 60.38 W.
Paraná, imp. riv., S. Amer., joins Uruguay R. ; 2,000 m. 13.45 S., 45.40 W.
Paris, cap. France ; most beaut. cy. in world ; p. 2¾ mil. 48.50 N., 2.20 E.
Parma, cy., riv., cap. P. prov., Italy ; cath. ; p. 48,750. 44.48 N., 10.19 E.
Parnahyba, tn., riv.(650 m.) Brazil ; p. 8,000. 3.06 S., 41.42 W.
Parramatta, tn., New S. Wales ; var. mnfs. ; p. 13,600. 33.49 S., 151.01 E.
Parsonstown (Birr), tn., King's Co., Ire. ; p. 4,440. 53.07 N., 7.54 W.
Partick, tn., Lanark, Scot. ; shpbldg. ; p. 54,450. 55.53 N., 4.19 W.
Partinico, tn., Palermo, Sicily ; oil ; p. 23,705. 38.02 N., 13.07 E.
Pas-de-Calais, dep., France ; a. 2,550 sq. m., p. 1,012,466. 50.35 N., 2.10 E.
Passaic, cy., New Jersey, U.S. ; foundries ; p. 39,799. 40.50 N., 74.7 W.
Passamaquoddy Bay, inlet, Canada ; 15 m. long. 45.05 N., 67.00 W.
Passau, tn., Bavaria ; cath. ; leather ; p. 18,150. 48.34 N., 13.28 E.
Patagonia, reg., S. Amer. ; a. 322,550 sq. m., p. 20,000. 48.00 S., 70.00 W.
Paterson, co. cap., New Jersey, U.S. ; mnfs. ; p. 112,801. 40.53 N., 74.12 W.
Patialac, cap. P. state, Punjab, India ; p. 55,970. 30.17 N., 76.24 E.
Patmos, isl., Sporades, Ægean Sea ; p. 4,000. 37.20 N., 26.33 E.
Patna (Azimabad), cy., Bengal ; opium ; p. 136,000. 25.33 N., 85.11 E.

Patras, chf. spt. W. Greece ; exports currants ; p. 37,724. 38.14 N., 21.44 E.
Pau, w. pl., chf. tn., Basses-Pyr., France ; p. 35,044. 43.18 N., 0.20 W.
Pauillac, spt., Gironde, France, on G. est. ; p. 6,170. 45.13 N., 0.43 W.
Pavia, cy., spt., cap. P. prov., Italy ; silk, olives ; p. 34,100. 45.11 N., 9.09 E.
Pawtucket, cy., Rhode I., U.S. ; large mills ; p. 44,211. 41.53 N., 71.23 W.
Paysandu, cap. P. dep., Uruguay, on Urug. R. ; p. 25,000. 32. 27 S., 58.06 W.
Peak, hilly dist., N.W. Derby, Eng. ; pk. 2,082 ft. 53.23 N., 1.53 W.
Pechili, prov., China ; a. 115,832 sq. m., p. 21 mil. 40.00 N., 117.00 E.
Pechili, Gulf of, exten. of Yellow Sea, N.E. China. 38.30 N., 120.00 E.
Pecos, riv., New Mexico and Texas, U.S. ; 800 m. 31.20 N., 102.50 W.
Peebles, co. tn., Peebles, Scot. ; hydro. ; tweeds ; p. 5,275. 55.38 N., 3.13 W.
Peeblesshire, co., Scot. ; a. 356 sq. m., p. 15,066. 55.35 N., 3.20 W.
Peel, coast tn., w. pl., Isle of Man ; castle rns. ; p. 3,325. 54.13 N., 4.42 W.
Pegu, tn., riv., Lr. Burma ; famous pagoda ; p. 10,850. 17.26 N., 96.18 E.
Pei-ho, riv., N. China, enters G. of Chihli ; 350 m. 32.35 N., 112.22 E.
Peipus, lake, N.W. Russia ; a. 1,356 sq. m. 58.35 N., 27.30 E.
Peking, cap. Chinese Emp. ; pals., temps. ; p. 693,050. 39.53 N., 116.29 E.
Pelew Is., Ger. grp. Pacific ; a. 170 sq. m., p. 3,110. 7.30 N., 134.45 E.
Pemba, isl., off E. cst. Africa ; p. 50,000. 5.00 S., 39.40 E.
Pembroke, co. tn., Pembroke, Wales ; docks ; p. 15,970. 51.40 N., 4.54 W.
Pembrokeshire, co., Wales ; a. 611 sq. m., p. 89,000. 51.50 N., 4.55 W.
Penang (Pr. of Wales I.), isl., Br. Str. Sett. ; p. 248,210. 5.18 N., 100.04
Penarth, spt., Glam., Wales ; large dock ; p. 14,300. 51.25 N., 3.09 W.
Penmaenmawr, w. pl., mt. (1,553 ft. ; Carn. Wales ; p. 3,510. 53.15 N., 3.57 W.
Pennine Range, mts., the backbone of England. 54.15 N., 2.25 W.
Pennsylvania, state, U.S. ; a. 45,215 sq. m., p. 6,928,515. 41.00 N., 77.30 W.
Penrhyn, great slate-quarries, Carnarvon, Wales. 53.11 N., 4.08 W.
Penrith, mkt. tn., Cumb., Eng. ; saw mills ; p. 3,560. 54.41 N., 2.45 W.
Penryn, tn., Cornwall, Eng. ; granite ; p. 3,200. 50.10 N., 5.07 W.
Pensacola, co. cap., Florida, U.S. ; foundries ; p. 22,256. 30.27 N., 87.23 W.
Pentland Firth, chan., between Orkneys and Scotland. 58.42 N., 3.00 W.
Pentland Hills, range, S. Scot. ; 16 m. long ; pk. 1,890 ft. 55.50 N., 3.20 W.
Penza, cap. P. gov., Russ. ; cath. ; mnfs. paper ; p. 60,000. 53.10 N., 45.03 E.
Penzance, tn., spt., w. pl. Cornwall, Eng. ; p. 13,250. 50.07 N., 5.33 W.
Peoria, co. cap., Ill., U.S. ; bituminous coal ; p. 66,365. 40.41 N., 89.36 W.
Perak, Br. protec. state, W. side Malay Pen. ; p. 330,000. 4.30 N., 100.48 E.
Périgueux, cap. of Dordogne, France ; cath. ; p. 32,220. 45.11 N., 0.44 E.
Perim, Br. isl., Red S., in Str. of Bab-el-Mandeb ; p. 400. 12.38 N., 43.21 E.
Perm, cap. P. gov., Russia ; cath. ; arsenal ; p. 45,220. 58.01 N., 56.32 E.
Pernambuco (Recife), imp. spt., N.E. Brazil ; p. 150,000. 8.00 S., 35.53 W.
Pernau, spt., Russia, on Baltic ; linseed ; p. 13,625. 58.22 N., 24.34 E.
Perpignan, fort, tn., Pyr.-Orientales, France ; p. 38,898. 42.43 N., 2.53 E.
Pershore, mkt. tn., Worcs, Eng. ; stockings ; p. 3,360. 52.07 N., 2.05 W.
Persia, empire, W. Asia ; a. 638,000 sq. m., p. 9,500,000. 33.00 N., 53.00 W.
Persian Gulf, arm of Indian Ocean ; a. 77,500 sq. m. 28.05 N., 50.00 E.
Perth, co. tn., port, Perth, Scot ; dyeing ; p. 36,907. 56.24 N., 3.27 W.
Perth, cap. W. Australia ; two cathedrals ; p. 55,000. 31.52 S., 116.03 E.
Perth Amboy, pt. of entry, New Jersey, U.S. ; p. 27,534. 40.31 N., 74.17 W.
Perthshire, co., Scot. ; a. 2,493 sq. m., p. 123,283. 56.30 N., 3.45 W.
Peru, repub., S. Amer. ; a. 690,000 sq. m., p. 4,000,000. 13.00 S., 75.00 W.
Perugia, cy., cap. P. prov., Italy ; univ. ; p. 61,100. 43.07 N., 12.33 E.
Pesaro, spt., cap. P. prov., Italy ; two caths. ; p. 24,875. 43.55 N., 12.53 E.
Pescadores (Pheng-hu), isl. grp., Formosa Channel. 23.30 N., 119.30 E.
Peschiera, fort. tn., Verona, Italy ; mil. port ; p. 2,397. 45.26 N., 10.42 E.
Peshawar, tn., mil. sta., N.W. India ; p. 95,500. 33.59 N., 71.30 E.
Petchora, riv., N. Russia, enters Arctic Ocean ; 970 m. 67.44 N., 54.00 E.
Peterborough, cy., Northants, Eng. ; cath. ; p. 30,920. 52.35 N., 0.16 W.
Peterhead, spt., Aberdeen, Scot. ; woollens ; p. 11,790. 57.30 N., 1.46 W.
Petersburg, cy., Virginia, U.S. ; tobacco ; p. 22,850. 37.10 N., 77.22 W.
Peterwardein, fort. tn., Croatia-Slavonia ; p. 5,050. 45.17 N., 19.51 E.

Petropavlovsk, tn., Siberia ; fire 1879 ; p. 22,500. 54.45 N., 69.17 E.
Petrovsk, tn., E. Russia, on a Don trib. ; p. 13,500. 52.17 N., 45.16 E.
Petrozavodsk, tn., Russia, on L. Onega ; p. 13,200. 61 45 N., 34.28 E.
Pevensey, vil., Sussex, Eng. ; Wil. the Conq. landed here. 50.49 N., 0.22 E.
Pforzheim, Baden, Ger. ; gold ornmts. ; p. 59,789. 48.52 N., 8.41 E.
Philadelphia, chf. cy., Penn., U.S. ; univ. ; p. 1½ mil. 39.53 N., 75.12 W.
Philippeville, spt., Algeria ; fine harbour ; p. 26,050. 36.48 N., 6.51 E.
Philippine Is., grp., E. Pac. ; a. 115,026 sq. m., p. 7¾ mil. 12.00 N., 123.00 E.
Philippopolis, cap. E. Roumelia ; mnfs. silk ; p. 45,707. 42.03 N., 24.53 E.
Phocis, east-central prov., Greece ; p. 62,246. 38.45 N., 22.45 R.
Phœnix, cap. Arizona, U.S. ; in Salt R. val. ; p. 5,620. 33.28 N., 112.04 W.
Phthiotis, central province, Greece ; p. 112.328. 38.45 N., 22.20 E.
Piacenza, cy., cap. P. prov., N. Italy ; cath. ; p. 36,000. 45.03 N., 9.40 E.
Piatra, tn., Moldavia ; timber trade ; p. 18,500. 46.56 N., 26.20 E.
Piauhy, prov., Brazil ; a. 116,490 sq. m., p. 334,700. 8.30 S., 42.30 W.
Pic du Midi, mt., Pyreneés, France ; 9,540 ft. 42.54 N., 0.25 W.
Picardy, anc. prov., N. France ; cap. Amiens. 49.45 N., 2.45 E.
Pichincha, prov., volc. (15,918 ft.), Ecuador ; p. 205,000. 0.03 S., 78.33 W.
Pictou, tn., harb., Nova Scotia ; coal ; p. 3,500. 45.42 N., 62.45 W.
Pidirutalagala, mt., Ceylon ; 8,260 feet high. 7.01 N., 80.47 E.
Piedmont, div., Italy ; a. 11,389 sq. m., p. 3,469,500. 45.00 N., 8.00 E.
Pièrre, cap. S. Dakota, U.S. ; on Missouri R. ; p. 3,260. 44.27 N., 100.30 W.
Pietermaritzburg, cap. Natal, S. Africa ; p. 31,230. 29.41 S., 30.03 E.
Pike's Peak, pk. of Rocky Mts., Col., U.S. ; 14,143 ft. 38.50 N., 105.14 W.
Pilatus, Mount, mt., Switz., on L. Lucerne ; 6,998 ft. 46.58 N., 8.15 E.
Pilcomayo, riv., S. America, trib. of Paraguay ; 1,700 m. 24.30 S., 58.38 W.
Pilsen, tn., Bohemia, Austria ; var. mnfs. ; p. 68,750. 49.45 N., 13.23 E.
Pindus, Mount, mt., N. Greece ; 7,111 ft. 39.30 N., 21.30 E.
Pinerolo, cy., N. Italy ; cath. ; var. mnfs. ; p. 18,250. 44.53 N., 7.19 E.
Ping Yang, tn., Korea ; silk mnfs. ; p. 40,000. 38.59 N., 126.12 E.
Pinkie, vil., Edinburgh, Scot ; battle 1547. 55.56 N., 3.03 W.
Pinsk, tn., W. Russia ; exports corn ; p. 28,000. 52.10 N., 26.07 E.
Piotrkow, cap. P. gov., Russia ; flour ; p. 32,250. 51.25 N., 19.45 E.
Piræus, spt., Attica, Greece ; cottons ; p. 73,579. 37.56 N., 23.38 E.
Pirano, spt., Istria, Austria ; salt ; p. 13,450. 45.32 N., 13.34 E.
Pirmasens, tn., Bavarian Palat. ; shoes ; p. 33,998. 49.12 N., 7.37 E.
Pirna, tn., Saxony, Ger. ; castle ; glass ; p. 18,455. 50.57 N., 13.56 E.
Pirot, tn., Servia ; battle 1885 ; p. 10,600. 43.10 N., 22.36 E.
Pisa, old cy., Italy ; famous leaning tower ; p. 61,500. 43.43 N., 10.23 E.
Pistoja, tn., Florence, Italy ; cath. ; mnfs. ; p. 65,765. 43.57 N., 10.55 E.
Pitcairn Is., isolated isl., S. Pacific ; p. 135. 25.00 S., 130.00 W.
Pittsburg, imp. cy., Penn., U.S. ; ironware ; p. 375,082. 40.27 N., 80.01 W.
Pittsfield, cy., co. cap., Mass., U.S. ; cottons ; p. 25,005. 42.30 N., 73.18 W.
Plassey, battlefield, Bengal ; Clive's victory 1757. 23.46 N., 88.11 E.
Platte (Nebraska), riv., U.S., trib. of Missouri. 40.50 N., 100.00 W.
Plattsburg, co. cap., New York, U.S. ; mnfs. ; p. 10,184. 44.42 N., 73.27 W.
Plauen, tn., Saxony, Ger ; cotton goods ; p. 105,381. 50.29 N., 12.09 E.
Plevna, tn., Bulgaria ; battle 1877 ; p. 21,145. 43.27 N., 24.35 E.
Plinlimmon, mt., Card. and Montg., Wales ; 2,469 ft. 52.28 N., 3.47 W.
Plock, anc. tn., Russ. Poland ; cath. ; p. 30,000. 52.33 N., 19.50 E.
Ploesci, tn., Roumania ; petroleum ; p. 48,000. 44.54 N., 26.00 E.
Plombières, w. pl., Vosges, France ; casino ; p. 1,850. 47.58 N., 6.30 E.
Plymouth, spt. nav. sta., S.W. Eng. ; shpbldg. ; p. 124,180. 50.22 N., 4.09 W.
Plymouth, co. cap., port of entry, Mass., U.S. ; p. 9,625. 41.54 N., 70.53 W.
Pnom Penh, cap. Cambodia ; large trade ; p. 50,000. 11.30 N., 104.54 E.
Po, riv., N. Italy, enters Adriatic Sea ; 360 m. 44.58 N., 11.50 E.
Podolia, gov. Russia ; a. 16,224 sq. m., p. 3,604,650. 48.40 N., 28.00 E.
Poitiers, cap. Vienne, France ; cath. ; riv. cent. ; p. 39,302. 46.34 N., 0.22 E.
Poitou, old prov., S.W. France ; cap. Poitiers. 46.42 N., 0.20 W.
Pola, chf. nav. sta., Istria, Austria ; observ. ; p. 40,892. 44.53 N., 13.52 E.

Poland, large terr., Russian Empire ; p. 11,365,000. 51.40 N., 21.40 E.
Pollockshaws, mnfg. tn., Renfrew, Scot. ; p. 11,400. 55.50 N., 4.18 W.
Poltava, cap. P. gov., Russia ; tobacco ; p. 53,750. 49.33 N., 34.38 E.
Polynesia, many isl. groups, Pacific Ocean. 11.00 S., 160.00 W.
Pomerania, prov., Prussia ; a. 11,620 sq. m. p., 1,634,832. 53.50 N., 15.00 E.
Pomona (Mainland), lgst. isl. Orkneys ; a. 150 sq. m. 59.00 N., 3.10 W.
Pompeii, ruined cy., Italy ; destroyed A.D. 79. 40.45 N., 14.29 E.
Ponce, spt. tn., S. cst. Porto Rico ; good harb. ; p. 55,525. 18.00 N., 66.41 W.
Pondicherry, Fr. col. India ; a. 115 sq. m., p. 189,000. 11.56 N., 79.48 E.
Pondoland, dist., E.C. of G. Hope ; p. 202,000. 31.30 S., 29.30 E.
Ponta Delgada, tn., São Miguel, Azores ; p. 17,760. 37.40 N., 25.32 W.
Pontchartrain, lake, Louisiana, U.S. ; 40 m. by 25 m. 30.10 N., 90.00 W.
Pontefract, mkt. tn., W.R. Yorks, Eng. ; p. 13,520. 53.42 N., 1.19 W.
Pontevedra, tn., Galicia, Spain ; cath. ; p. 22,900. 42.27 N., 8.35 W.
Pontianak, cap. of W. div. Dutch Borneo ; p. 17,550. 0.06 S., 109. 18 E.
Pontypridd, tn., Glam., Wales ; iron, coal ; p. 32,450. 51.36 N., 3.18 W.
Poole, spt., Dorset, Eng. ; mnfs. sailcloth ; p. 19,620. 50.43 N., 1.59 W.
Poona, cy., chf. mil. sta., Bombay, Br. India ; p. 154,000. 18.29 N., 73.53 E.
Popayan, cap. Cauca, Colombia ; univ. ; p. 18,750. 2.23 N., 76.35 W.
Popocatepetl, volc., Mexico ; erup. 1540 ; 17,784 ft. 18.59 N., 98.40 W.
Port Arthur, nav. sta., Liao-tung, Pen., Manchuria. 38.48 N., 121.12 E .
Port Darwin, excel. harb., Commonwlth. Terr., Aus. 12.30 S. 130.48 E.
Port Elizabeth, spt., C. of G. Hope ; exp. wool ; p. 32,960. 33.57 S., 25.37 E.
Port Glasgow, spt., Renfrew, Scot. ; shpbldg. ; p. 16,900. 55.56 N., 4.41 W.
Port Huron, cy., port of entry, Mich., U.S. ; p. 20,028. 42.59 N., 82.29 W.
Port Jackson, magnif. nat. harb., New S. Wales. 33.50 S., 151.18 E.
Port Louis, cap. chf. pt., Mauritius ; coal sta. ; p. 54,000. 20.18 S., 57.31 E.
Port Mahon, spt., cap. Minorca, Balearic Is. ; p. 17,600. 39 30.N., 4.19 E.
Port Natal, harbour of Durban, Natal, S. Africa. 29.54 S., 30.53 E.
Port of Spain, cap. Trinidad ; harbour ; p. 60,000. 10.42 N., 61.36 W.
Port Philip, inlet, S.E. coast Australia. 38.10 S., 144.50 E.
Port Said, spt. tn., Egypt ; coaling sta. ; p. 49,884. 31.19 N., 32.18 E.
Port Sunlight, model vil., Cheshire, Eng. ; p. 3,000. 53.20 N., 3.00 W.
Portadown, mkt. tn., Armagh, Ire. ; linen ; p. 8,430. 54.26 N., 6.27 W.
Port-au-Prince, spt., cap. Hayti, on W. cst. ; p. 100,000. 18.37 N., 72.17 W.
Porthcawl, spt., w. pl., Glam., Wales ; p. 1,872. 51.28 N., 3.42 W.
Portici, tn., fishing port, Naples, Italy ; p. 14,400. 40.50 N., 12.20 E.
Portland, chf. spt., cy., Maine, U.S. ; mnfs. ; p. 55,167. 43.40 N., 70.20 W.
Portland, cy., Oregon, U.S. ; iron foundries ; p. 250,000. 45.31 N., 122.31 W.
Portland, Isle of, pen., Dorset, Eng. ; quarries. 50.32 N., 2.27 W.
Porto Alegre, cap. Rio Grande do Sul, Brazil ; p. 100,000. 30.06 S., 50.4 W.
Porto Empedocle, spt., Sicily ; sulphur ; p. 11,160. 37.18 N., 13.32 E.
Porto Novo, spt., Madras, Br. India ; p. 14,000. 11.28 N., 79.46 E.
Porto Rico, isl., W. Indies ; a. 3,530 sq. m., p. 1,012,775. 18.18 N., 66.30 W.
Portobello, w. pl., Edinburgh, Scot. ; p. 9,200. 55.57 N., 3.07 W.
Portpatrick, fishing vil., Wigtown, Scot. ; p. 455. 54.51 N., 5.06 W.
Portree, spt. vil., I. of Skye, Scot. ; p. 2,795. 57.25 N., 6.12 W.
Portrush, w. pl., Antrim, Ire. ; golf links ; p. 1,941. 55.13 N., 6.40 W.
Portsmouth, spt., nav. arsenal, Hants, Eng. ; p. 188,923. 50.48 N., 1.06 W.
Portsmouth, spt., New Hamps., U.S. ; mnfs. ; p. 11,123. 43.02 N., 70.49 W.
Portugal, kgdm., Europe ; a. 36,038 sq. m., p. 5,017,500. 40.00 N., 8.00 W.
Portuguese E. Africa (Mozambique), terr., a. 293,400 sq. m., p. 3 mil. 23.00 S., 34.00 E
Portuguese Guinea, terr., W. Africa ; p. 820,000. 12.00 N., 15.00 W.
Posen, prov., Prussia ; a. 11,178 sq. m., p. 1,887,267. 52.16 N., 16.50 E.
Posen, fort. cy., cap. of above ; cath. ; mnfs. ; p. 136,808. 52.24 N., 16.51 E.
Potchefstroom, tn., Transvaal, S. Africa ; p. 4,000. 26.40 S., 27.53 E.
Potenza, cy., cap. P. prov., Italy ; cath. ; p. 16,350. 40.39 N., 15.48 E.
Poti, spt., Transcaucasia, Russia, on Black S. ; p. 7,690. 42.06 N., 41.41 E.
Potomac, riv., U.S., flows to Chesapeake B. ; 400 m. 38.10 N., 77.00 W.
Potosi, tn., Bolivia ; silver-mining ; p. 23,450. 19.38 S., 65.25 W.

Potsdam, cap. Brandenburg, Prussia ; p. 61,414. 52.24 N., 13.03 E.
Poughkeepsie, co. cap., N. York, U.S. ; mnfs. ; p. 25,379. 41.38 N., 73.58 W.
Pozzuoli, cy., Naples, Italy ; sulphur ; p. 22,905. 40.48 N., 14.08 E.
Prague, cap. Bohemia, Austria ; univ. ; p. 233,649. 50.05 N., 14.26 E.
Praia, spt. tn., cap. Cape Verde Is. ; p. 5,000. 14.53 N., 23.30 W.
Prenzlau, tn., Brandenburg, Prussia ; leather ; p. 20,290. 53.20 N., 13.50 E.
Prescot, mnfg. tn., Lancs, Eng. ; watch-parts ; p. 7,872. 53.26 N., 2.47 W.
Prescott, cy., Arizona, U.S. ; gold, silver near ; p. 3,575; 34.33 N., 112.10 W.
Pressburg, tn., Hungary ; cath. ; mnfs. beer ; p. 62,100. 48.10 N., 17.06 E.
Presteigne, mkt. tn., Radnor, Wales ; p. 1,255. 53.16 N., 3.00 W.
Preston, imp. mnfg. tn., Lancs, Eng. ; cotton ; p. 118,519. 53.46 N., 2.42 W.
Prestonpans, tn., Haddington, Scot. ; bat. 1745 ; p. 2,630. 55.57 N., 2.59 W.
Prestwich, tn., Lancs, Eng. ; mnfs. cotton ; p. 12,950. 53.32 N., 2.15 W.
Pretoria, cap. Transvaal ; Brit. occup. 1900 ; p. 36,700. 25.48 S., 28.49 E.
Pribram, tn., Bohemia, Austria ; mines ; p. 14,500. 35.42 N., 14.00 E.
Prince Edward I., isl. prov., Canada ; p. 103,500. 46.25 N., 63.30 W.
Princeton, tn., New Jersey, U.S. ; college ; p. 3,925. 40.18 N., 74.42 W.
Prisrend, tn., Eur. Turkey ; archb. see ; p. 42,000. 42.08 N., 21.00 E.
Pristina, tn., cap. Kossovo, Eur. Turkey ; p. 18,000. 42.30 N., 21.18 E.
Procida, islet, tn., Naples, Italy ; isl. p. 14,475. 40.46 N., 14.02 E.
Progreso, spt., Yucatan, Mexico ; p. 5,200. 21.24 N., 89.36 W.
Provence, old prov., France ; cap. Aix. 43.45 N., 6.00 E.
Providence, spt., cap. Rhode I., U.S. ; cotton ; p. 203,243. 41.47 N., 71.72 W.
Prussia, kgdm., Ger. Emp. ; a. 134,620 sq. m., p. 37¼ mil. 54.00 N., 20.00 E.
Pruth, front. riv., S.E. Eur. ; trib. of Danube ; 520 m. 27.00 N., 28.00 E.
Przemysl, tn., Galicia, Austria ; machinery ; p. 46,500. 49.47 N., 22.47 E.
Pskof, decayed tn., cap. P. gov., Russia ; p. 30,500. 57.51 N., 28.26 E.
Puebla, cap. P. state, Mexico ; cottons ; p. 93,750. 18.59 N 98.02 W.
Pueblo, cap. P. co., Col., U.S. ; rly. cent. ; p. 30,824. 38.18 N., 104.40 W.
Puerto de Santa Maria, spt., Cadiz, Spain ; p. 19,500. 36.35 N., 6.14 W.
Puerto Mexico, spt., Vera Cruz, Mex., 18.12 N., 94.34 W.
Puerto Principé, tn., Cuba ; iron ore ; p. 26,650. 21.23 N., 77.56 W.
Puget Sound, large inlet, N.W. Washington, U.S. 47.40 N., 122.40 W.
Pultusk, tn., Poland ; battles 1703, 1806 ; p. 16,000. 52.43 N., 21.12 E.
Punjab, prv., N.W. Ind. ; a. 133,741 sq. m., p. 24,755 000. 31.25 N., 72.30 E.
Punta Arenas, chf. spt., Costa Rica ; p. 5,000. 9.54 N., 83.46 W.
Punta Arenas, tn., free port, Chile ; p. 8,390. 53.08 S., 70.56 W
Purbeck, Isle of, pen., Dorset Eng. ; quarries. 50.39 N., 2.08 W.
Puri (Juggernaut), tn., Bengal ; festival ; p. 28,900. 19.46 N., 85.50 E.
Purnea, tn., Bengal, Br. India ; jute ; p. 15,250. 25.46 N., 87.31 E.
Purus, large riv., S. Amer., trib. of Amazon ; 1,850 m. 5.30 S., 63.25 W.
Putney, dist. S.W. London, starting pt. varsity boatrace. 51.27 N., 0.13 W.
Putumayo (Ica), riv., Colombia ; 950 m. long. 2.10 S., 72.00 W.
Puy, Le, tn., Haute-Loire, France ; cath. ; lace ; p. 20,650. 45.02 N., 3.53 E.
Puy-de-Dôme, dep., France ; a. 3,070 sq. m., p. 535,419. 45.45 N., 3.10 E.
Pwllheli, spt., S. est. Carn., Wales ; p. 3,685. 52.53 N., 4.26 W.
Pyrenées, mt. chain, divides Spain from France. 42.40 N., 0.00.
Pyrenées-Orientales, dep., Fr. ; a. 1,591 sq. m., p. 213,171. 42.35 N., 2.30 E.

Quantock Hills, range, Somerset, Eng. ; pk. 1,262 ft. 51.08 N., 3.12 W.
Quatre Bras, vil., Belgium ; battle 1815. 50.34 N., 4.27 E.
Quebec, prov., Canada ; a. 347,350 sq. m., p. 2,185,000. 46.48 N., 71.12 W.
Quebec, cy., port, cap. of ab. ; cath. ; mnfs. ; p. 78,000. 46.48 N., 71.13 W.
Quedlinburg, tn., Saxony, Prussia ; dyes ; p. 23,554. 51.47 N., 11.07 E.
Queen Charlotte Is., Br. grp., N. Pacific ; a. 5,100 sq. m. 53.50 N., 132.10 W.
Queen Charlotte Sound, chan., off Br. Columbia. 51.00 N., 128.00 W.
Queen's Co., co., Ire. ; a. 664 sq. m., p. 57,417. 53.00 N., 7.25 W.
Queensferry, spt., Scot., on F. of Forth ; p. 1,850. 55.59 N., 3.23 W.
Queensland, colony, Aus. ; a. 668,497 sq. m., p. 552,345. 24.00 S., 147.00 E.
Queenstown, spt., Ire., in Cork Harbour ; p. 7,909. 51.51 N., 8.17 W.

Queenstown, tn., C. of G. Hope, S. Africa ; p. 9,850. 31.53 S. 26.52 E.
Quelpart, isl. off S. cst. Corea ; 45 m. long. 33.20 N., 126.30 E.
Querétaro, cap. Q. state, Mexico ; palace ; p. 36,000. 20.36 N., 100.10 W.
Quetta, chf. tn., Br. Baluchistan ; fortified ; p. 25,000. 30.06 N., 67.00 E.
Quiberon, cst. tn., Morbihan, France ; nav. bat. 1759. 47.30 N., 3.07 W.
Quilimane (Kilimane), spt., Port. E. Africa ; p. 8,000. 17.45 S., 36.44 E.
Quilon, spt. tn., Travancore, S. India ; p. 15,600. 8.52 N., 76.37 E.
Quimper, tn., Finistère, France ; cath. ; p. 19,525. 48.00 N., 4.04 W.
Quincy, cy., Ill., U.S. ; cath. ; flour-mills ; p. 39,108. 39.51 N., 91.20 W.
Quincy, cy., Mass., U.S. ; granite ; p. 28,076. 42.15 N., 71.00 W.
Quito, cap. Ecuador ; cottons, beer ; p. 70,000. 0.13 S., 78.23 W.

Raab, tn., Hungary ; cath. ; tobacco ; p. 27,800. 47.41 N., 17.40 E.
Raasay, isl., Inverness, Scot. ; a. 24 sq. m., p. 420. 57.25 N., 6.03 W.
Rabat, spt., Morocco ; fort, palace ruins ; p. 22,000. 34.02 N., 6.46 W.
Racine, co. cap., Wisconsin, U.S. ; univ. p. 32,928. 42.48 N., 87.48 W.
Radcliffe, tn., Lancs, Eng. ; cotton ; p. 25,450. 53.33 N., 2.19 W.
Radnorshire, co., S. Wales ; a. 470 sq. m., p. 23,400. 52.16 N., 3.15 W.
Radom, cap. R. gov., Poland ; mach. shops ; p. 30,150. 51.23 N., 21.13 E.
Ragusa, fort. spt., cy., Dalmatia, Austria ; p. 13,225. 42.37 N., 18.07 E.
Ragusa, tn., Sicily, on Ragusa R. ; p. 31,975. 36.56 N., 14.45 E.
Raipur, fort. tn., Cent. Provs., Br. India ; p. 32,000. 21.11 N., 81.32 E.
Rajkot, tn., Kathiawar, Bombay ; nat. coll. ; p. 36,320. 22.20 N., 70.46 E.
Rajputana, terr., India. ; a. 132,980 sq. m., p. 9¾ mil. 26.50 N., 74.00 E.
Raleigh, cap. N. Carolina, U.S. ; iron ; p. 14,225. 35.48 N., 78.29 W.
Ramillies, vil., Brabant, Belgium ; battle 1706. 50.38 N.. 4.55 E.
Rampur, cap. R. state, United Provs. ; p. 78,750. 28.47 N., 79.01 E.
Ramsbottom, tn., Lancs, Eng. ; cotton ; p. 15,975. 55.38 N., 2.17 W.
Ramsey, spt., w. pl., I. of Man, on N.E. cst. ; p. 4,750. 54.19 N., 4.23 W.
Ramsgate, w. pl., I. of Thanet, Kent, Eng. ; p. 27,850. 51.20 N., 1.25 E.
Randers, tn., fiord, Jutland, Denmark ; p. 20,965. 56.27 N., 10.02 E.
Rangoon, spt., cap. Burma ; exports rice ; p. 289,432. 16.53 N., 96.04 E.
Rapallo, winter res., spt., Genoa, Italy ; p. 10,375. 44.22 N., 9.13 E.
Raratonga, mtns. isl., Cook Is., Pacific ; p. 2,100. 21.12 S., 159.30 W.
Rastatt, fort. tn., Baden, Ger. ; mnfs. ; p. 14,403. 48.52 N., 8.12 E.
Rathlin, isl., Antrim, Ire. ; fishing ; p. 370. 55.18 N., 6.13 W.
Ratibor, tn., Silesia, Prussia ; iron, tobacco ; p. 25,355. 50.06 N., 18.13 E.
Ratisbon (Regensburg), tn., Bavaria ; mnfs. ; p. 48,801. 49.01 N., 12.06 E.
Ratlam, cap. R. state, Cent. India ; opium ; p. 30,100. 23.12 N., 75.00 E.
Ravenna, tn., cap. R. prov., Italy ; silk ; p. 63,755. 44.25 N., 12.12 E.
Rawalpindi, tn., mil. sta., Punjab, Br. India ; p. 88,000. 33.36 N., 73.03 E.
Rawmarsh, tn., W. R. Yorks, Eng. ; china ; p. 14,675. 53.27 N., 1.21 W.
Rawtenstall, tn., Lancs, Eng. ; cottons ; p. 31,250. 53.44 N., 2.18 W.
Reading, co. tn., Berks, Eng. ; biscuits ; p. 82,995. 51.27 N., 0.59 W.
Reading, co. cap., Penn., U.S. ; iron, steel ; p. 91,141. 40.20 N., 75.58 W.
Red River, trib. of Mississippi, U.S. ; 1,600 m. 31.20 N., 92.30 W.
Red River of the North, U.S. and Canada ; 665 m. 49.00 N., 97.00 W.
Red Sea, arm of Indian Ocean ; 1,200 m. long. 24.00 N., 38.00 E.
Redcar, sea. res., N. R. Yorks, Eng. ; p. 7,755. 54.37 N., 1.04 W.
Redditch, tn., Worcs, Eng. ; needles ; p. 13,650. 52.18 N., 1.56 W.
Redruth, tn., Cornwall, Eng. ; tin mines ; p. 10,520. 50.13 N., 5.13 W.
Ree, Lough, lake, Ire., expansion of Shannon R. 53.32 N., 7.58 W
Reggio, cap. R. prov., Italy ; textiles ; p. 59,350. 44.42 N., 10.38 E.
Reggio, spt., S. Italy, on Str. of Messina ; p. 44,780. 38.08 N., 15.39 E.
Regina, cap. Saskatchewan, Canada ; p. 22,500. 50.30 N., 104.30 W.
Reichenbach, mnfg. tn., Saxony, Ger. ; p. 29,060. 50.37 N., 12.17 E.
Reichenbach, tn., Silesia, Prussia ; p. 15,255. 50.36 N., 12.18 E.
Reichenhall, tn., Bavaria, Ger. ; salt ; p. 4,975. 47.42 N., 12.51 E.
Reigate, mkt. tn., Surrey, Eng. ; cas. rns. ; p. 26,250. 51.14 N., 0.12 W.

Reikjavik, spt., cap. Iceland, on S.W. coast ; p. 6,600. 64.08 N., 21.55 W.
Remscheid, tn., Rhen. Prussia ; cutlery ; p. 64,340. 51.12 N., 7.13 E.
Renaix, tn., E. Flanders, Belgium ; cloth ; p. 20,155. 50.45 N., 3.45 E.
Rendsburg, tn., Schleswig-Holstein, Ger. ; p. 14,875. 54.18 N., 9.40 E.
Renfrew, co. tn., Renfrew, Scot. ; shpbldg. ; p. 9,325. 55.53 N., 4.24 W.
Renfrewshire, co., Scot. ; a. 254 sq. m., p. 268,980. 55.50 N., 4.30 W.
Rennes, cap. Ille-et-Vilaine, France ; p. 75,640. 48.06 N., 1.40 W.
Renton, tn., Dumbarton, Scot. ; calico-ptg. ; p. 5,120. 55.58 N., 4.35 W.
Repton, vil., Derby, Eng. ; public school ; p. 1,700. 52.50 N., 1.33 W.
Resht (Rasht), cap. Gilan, Persia ; p. 35,000. 37.18 N., 49.38 E.
Réunion, Fr. isl., Indian Ocean ; a. 970 sq. m., p. 173,750. 21.00 S., 55.30 E.
Reus, tn., Tarragona, Spain ; soap ; p. 26,650. 41.10 N., 1.00 E.
Reuss, Older, princ., Ger. ; a. 122 sq. m., p. 70,603. 50.50 N., 12.05 E.
Reuss, Younger, princ., Ger. ; a. 319 sq. m., p. 144,584. 50.33 N., 11.48 E.
Reutlingen, mnfg. tn., Würtemberg, Ger. ; p. 27,164. 48.30 N., 9.13 E.
Reval (Revel), spt., cap. Esthonia, Russia ; p. 64,595. 59.27 N., 24.49 E.
Rewa Kantha, grp. sts., Ind. ; a. 4,980 sq. m., p. 479,000. 24.30 N., 81.30 E.
Rheims, strgly. fort. cy. Marne, Fr. ; cath. ; p. 109,859. 49.15 N., 4.02 E.
Rhenish Prussia, prov., Prus. ; a. 10,419 sq. m., p. 6½ mil. 50.50 N., 7.00 E.
Rheydt, tn., Rhen. Prussia ; silks ; p. 35,000. 51.11 N., 6.28 E.
Rhine, imp. riv., Germany, enters North Sea ; 760 m. 51.45 N., 6.20 E.
Rhode Island, state, U.S. ; a. 1,085 sq. m., p. 490,387. 41.40 N., 71.35 W.
Rhodes, Turk. isl., off S.W. cst. Asia Minor ; p. 30,000. 36.10 N., 28.00 E.
Rhodesia, Br. terr., S. Africa ; a. 479,535 sq. m., p. 1½ mil. 16.00 S., 27.00 E
Rhodope (Despoto Dagh), mts., Turkey ; pk. 7,474 ft. 41.30 N., 24.30 E.
Rhondda, urb. dist., valley, Glam., Wales ; p. 113,800. 51.40 N., 3.30 W.
Rhone, riv., W. Europe, enters G. of Lion ; 505 m. 46.00 N., 5.47 E.
Rhône, dep., France ; a. 1,077 sq. m., p. 858,907. 45.40 N., 4.35 E.
Rhyl, w. pl., Flint, Wales, at mth. of Clwyd ; p. 8,480. 53.19 N., 3.29 W.
Rhymney, tn., Monmouth, Eng. ; ironwks. ; p. 7,210. 51.46 N., 3.17 W.
Riad, cap. Nejd, Central Arabia ; p. 30,000. 24.41 N., 46.28 E.
Riazan, cap. R. gov., Russia ; p. 46,250. 54.38 N., 39.49 E.
Richmond, tn., Surrey, Eng., on R. Thames ; p. 31,720. 51.28 N., 0.18 W.
Richmond, tn., N.R. Yorks, Eng. ; fine ruins ; p. 3,855. 54.24 N., 1.45 W.
Richmond, co. cap. Indiana, U.S., mnfs. ; p. 19,602. 39.49 N., 84.52 W.
Richmond, cap. Virginia, U.S., pt. of entry ; p. 87,246. 37.32 N., 77.26 W.
Riesen Gebirge, mt. range, Bohemia, Austria. 50.48 N., 15.35 E.
Riga, spt., cap. Livonia, Russia, on Baltic ; p. 282,450. 56.57 N., 24.03 E.
Rigi (Righi), mt., Switz., nr. L. Lucerne ; 5,906 ft. 47.03 N., 8.28 E.
Rimini, cy., spt., Forli, Italy ; cath. ; silk ; p. 43,625. 44.03 N., 12.33 E.
Rimouski, tn., w. pl., Quebec, Canada ; p. 2,420. 48.26 N., 68.34 W.
Rio de Janeiro, cap. Brazil ; fine nat. harb. ; p. 811,265. 22.57 S., 43.07 W.
Rio Grande, riv., N. Amer., ent. G. of Mexico ; 1,800 m. 29.00 N., 100.40 W.
Rio Grande do Norte, marit. prov., Brazil ; p. 274,320. 6.00 S., 36.30 W.
Rio Grande do Sul, tn., prov., Brazil ; tn. p. 19,000. 21.47 S., 40.52 W.
Rio Negro, riv., S. Amer., trib. of Amazon ; 1,350 m. 2.15 N., 69.40 W.
Rio Tinto, riv., S.W. Spain ; copper mining dist. 37.30 N., 6.36 W.
Rioja, tn., prov., W. Argentina ; tn. p. 8,500. 29.10 S., 67.45 W.
Ripley, tn., Derby, Eng. ; silk-lace, coal ; p. 10,220. 54.02 N., 1.33 W.
Riviera, coastland., Fr. and Italy, on G. of Genoa. 44.00 N., 8.30 E.
Roanne, tn., Loire, France ; castle ; mnfs. ; p. 35,516. 46.02 N., 4.04 E
Roanoke, cy., riv., Virginia, U.S. ; ironwks. ; p. 24,699. 57.15 N., 77.15 W.
Rochdale, mnfg. tn., Lancs, Eng. ; flannels ; p. 89,653. 53.37 N., 2.10 W.
Rochefort-sur-Mer, spt., nav. ars., W. cst. Fr. ; p. 36,694. 45.56 N., 0.57 W.
Rochelle, La, fort. spt., cap. Charente-Inf., Fr. ; p. 30,000. 46.09 N., 1.09 W.
Rochester, cy., Kent, Eng., on Medway R. ; p. 30,625. 51.24 N., 0.29 E.
Rochester, cy., N. Yk., U.S. ; univ. ; brwries. ; p. 185,703. 43.08 N., 77.41 W.
Roche-sur-Yonne, cap. Vendée, France ; p. 12,250. 46.41 N., 1.25 W.
Rock Island, co. cap., Ill., U.S. ; flour ; p. 23,009. 41.29 N., 90.37 W.
Rockford, co. cap., Ill., U.S. ; foundries ; p. 36,051. 42.14 N., 89.00 W.

Rockhampton, spt. cy., Queensland, Aus. ; p. 19,691. 23.26 S., 150.43 E.
Rocky Mts., most extensive system of N. America. 43.00 N., 110.00 W.
Rodez, tn., Aveyron, France ; cath. ; coal ; p. 16,450. 44.21 N., 2.35 E.
Rodosto, tn., Turkey, on N. cst. S. of Marmora ; p. 42,000. 41.00 N., 27.31 E.
Rodriguez, volc. isl., Indian Ocean ; p. 3,190. 19.48 S., 63.10 E.
Roeskilde, tn., Zealand, Denmark ; cath. ; p. 8,395. 55.38 N., 12.04 E.
Rohilkhand, div., United Provs. ; p. 6 mil. 28.50 N., 78.40 E.
Rome, cy., cap. Italy ; resid. of the pope ; p. 575,000. 41.54 N., 12.29 E.
Rome, cy., New York, U.S. ; mills, iron mnfs. ; p. 16,562. 43.12 N., 75.32 W.
Romford, mkt. tn., Essex, Eng. ; cattle mkts. ; p. 13,850. 51.35 N., 0.10 E.
Ronda, tn., Malaga, Spain ; Moorish ruins ; p. 20,975. 36.49 N., 5.18 W.
Roquefort, vil., Aveyron, Fr. ; ewe-milk chses. ; p. 1,000. 44.00 N., 3.11 E.
Rosario, cy., Argentina, on Paraná R. ; p. 150,000. 33.00 S., 50.30 W.
Roscoff, spt., w. pl., Finistère, France ; p. 4,965. 48.45 N., 3.58 W.
Roscommon, co. tn., Roscom., Irc. ; cas. rns. ; p. 3,192. 53.38 N., 8.11 W.
Roscommon, co., Ire. ; a. 949 sq. m., p. 101,791. 53.35 N., 8.10 W.
Rosetta, tn., Egypt, on Nile delta ; rice mkt. ; p. 17,000. 31.23 N., 30.24 E.
Ross, mkt. tn., Hereford, Eng., on R. Wye ; p. 3,330. 51.55 N., 2.35 W.
Ross and Cromarty, co., Scot. ; a. 3,089 sq. m., p. 76,450. 57.35 N., 5.00 W.
Rossland, tn., Br. Columbia ; gold mining ; p. 6,300. 49.04 N., 118.0 W.
Rosstrevor, spt., w. pl., Down, Ireland ; p. 820. 54.06 N., 6.12 W.
Rostock, spt., Ger., on Baltic ; univ. ; mnfs. ; p. 60,793. 54.05 N., 12.09 E.
Rostof, imp. mfg. tn., spt., Don Cossacks, Russ. ; p. 119,750. 47.12 N., 39.42 E.
Rostof, very old tn., Yaroslavl, Russia ; p. 13,260. 57.09 N., 39.30 E.
Rotherham, mnfg. tn., W.R. Yorks, Eng. ; p. 54,600. 53.26 N., 1.21 W.
Rothesay, fav. w. pl. co. tn., Bute, Scot. ; p. 9,400. 55.50 N., 5.03 W.
Rotterdam, imp. spt., Holland, on Maas R. ; p. 411,635. 51.55 N., 4.29 E.
Rotti, Dutch isl., Indian Arch. ; a. 655 sq. m., p. 80,000. 10.40 S., 123.10 E.
Rotumah, Br. isl., S. Pacific ; a. 14 sq. m., p. 2,250. 12.35 S., 177.10 E.
Roubaix, tn., Nord, France ; cloth, shawls ; p. 121,017. 50.38 N., 3.12 E.
Rouen, mnfg. cy., cap. Seine-Inf., France ; p. 118,459. 49.26 N., 1.06 E.
Roulers, tn., Belgium ; battle 1794 ; p. 23,840. 50.56 N., 3.07 E.
Roumania, kgdm., S.E. Eur. ; a. 49,250 sq. m., p. 6¾ mil. 44.40 N., 25.30 E.
Roumelia, name given to E. part of Eur. Turkey. 41.00 N., 25.00 E
Roveredo, tn., Tyrol, Austria ; battle 1796 ; p. 11,250. 45.53 N., 11.03 E.
Rovigno, spt., Austria, on Adriatic cst. ; p. 10,310. 45.04 N., 13.39 E.
Rovuma, riv., E. Africa, enters Indian O. ; 450 m. 11.00 S., 39.30 E.
Rowley Regis, tn., Staffs, Eng. ; collieries ; p. 34,845. 52.30 N., 2.02 W.
Roxburghshire, co., Scot. ; a. 670 sq. m., p. 48,804. 55.25 N., 2.35 W.
Royton, tn., Lancs, Eng. ; cotton mnfs. ; p. 14,950. 53.33 N., 2.08 W.
Rshef (Rjev), riv. port, Russia, on R. Oka ; p. 31,700. 56.10 N., 34.23 E.
Ruapehu, hgst. mt., North I., New Zealand ; 9,175 ft. 39.19 S., 175.38 E.
Rubicon, riv., Italy ; it formed S. bdy. of Caesar's prov. 44.08 N., 12.27 E.
Rudesheim, tn., Prussia, on Rhine ; wine ; p. 4,795. 49.59 N., 7.54 E.
Rudolf, large lake, Br. E. Africa ; a. 3,000 sq. m. 3.00 N., 33.00 E.
Rudolstadt, cap. Schwarburz-R., Ger. ; castles ; p. 12,495. 50.43 N., 11.20 E.
Rufiji (Lufiji), chf. riv. Ger. E. Africa. 7.47 S., 37.30 E.
Rugby, tn., Warwick, Eng. ; public school ; p. 16,970. 52.23 N., 1.16 W.
Rugeley, mkt. tn., Staffs, Eng. ; ironworks ; p. 4,475. 52.46 N., 1.56 W.
Rügen, isl., Prussia, in Baltic Sea ; p. 46,740. 54.30 N., 13.30 E.
Rum, mtns. isl., Inverness, Scot. ; a. 42 sq. m., p. 155. 57.00 N., 6.25 W.
Runcorn, mnfg. tn., riv. port, Cheshire, Eng. ; p. 16,755. 53.21 N., 2.45 W.
Russia, ctry., E. Eur. ; a. 2,095,504 sq. m., p. 129¾ mil. 53.30 N., 40.00 E.
Russian Empire, a. 8,660,282 sq. m., p. 155½ mil.
Rustchuk, tn., Bulgaria, on R. Danube ; p. 33,632. 43.51 N., 25.56 E.
Rutherglen, tn., Lanark, Scot., on R. Clyde ; p. 16,300. 55.50 N., 4.13 W.
Ruthin, tn., Denbigh, Wales, on R. Clwyd ; p. 2,655. 53.07 N., 3.19 W.
Rutland, smallest co., Eng. ; a. 152 sq. m., p. 20,000. 52.40 N., 0.40 W.
Rutland, co. cap., Vermont, U.S. ; marble ; p. 11,961. 43.35 N., 72.59 W.
Ruwenzori, mt. range, Equa. Africa ; pk. 16,815 ft. 0.25 N., 30.10 E.

Ryan, Loch, sea-inlet, Wigtown, Scot.; 8 m. long. 54.58 N., 5.01 W.
Rybinsk, tn., Yaroslavl, Russia, on Volga; p. 25,740. 58.02 N., 39.01 E.
Ryde, fash. w. pl., N.E. cst. of I. of Wight; p. 11,220. 50.44 N., 1.10 W.
Rye, tn., former spt., Sussex, Eng.; p. 4,025. 50.57 N., 0.44 E.

Saale, riv., Ger., trib. of the Elbe; 226 m. 51.42 N., 11.42 E.
Saarbrück, tn., Rhen. Prussia; iron; p. 25,845. 49.13 N., 6.59 E.
Saba, isl., Dutch W. Indies; a. 5 sq. m., p. 2,600. 17.37 N., 63.16 W.
Sabadell, tn., Barcelona, Spain; cotton; p. 23,515. 41.32 N., 2.03 E.
Sable I., isl., Atlantic, E. of Nova Scotia; 20 m. long. 44.00 N., 60.00 W.
Sables d'Olonne, Les, spt., w. pl., Vendée, France; p. 2,265. 46.29 N., 1.47 W.
Sacramento, lgst. riv., Cal., U.S.; 500 m. long. 39.20 N., 121.55 W.
Sacramento, cy., cap. Cal., U.S.; foundries; p. 32,000. 38.32 N., 121.30 W.
Safed, tn., Palestine; holy cy. of Jews; p. 25,000. 32.58 N., 35.37 E.
Saffi (Asfi), spt., Morocco, 120 m. W.N.W. of M.; p. 9,000. 32.17 N., 8.50 W.
Saffron Walden, tn., Essex, Eng.; corn exch.; p. 5,925. 52.02 N., 0.15 E.
Saghalien (Sakhalin), isl., off E. Siberia; p. 18,000. 50.00 N., 143,00 E.
Saginaw, co. cap., Mich., U.S.; mnfs. flour; p. 46,610. 43.25 N., 84.00 W.
Saguenay, large riv., Canada, trib. of St. Lawrence. 48.23 N., 70.30 W.
Sahara, great des., N. Africa; a. 3,500,000 sq. m. 23.00 N., 0.00.
Saharanpur, tn., United Provs., India; p. 66,500. 30.00 N., 77.30 E.
Saigon, spt., cap. Fr. Coch. China; nav. yd.; p. 48,000. 10.50 N., 106.33 E.
St. Abbs, sea. res., headland, Berwick, Scot.; p. 340. 55.55 N., 2.08 W.
St. Albans, cy., Hertford, Eng.; straw-plaiting; p. 16,250. 51.46 N., 0.21 W.
St. Amand, tn., Nord, France; sulphur springs; p. 13,540. 50.27 N., 3.24 E.
St. Andrews, cy., w. pl., Fife, Scot.; univ.; p. 7,650. 56.20 N., 2.48 W.
St. Asaph, cy., Flint, Wales; cath.; p. 1,800. 53.16 N., 3.26 W.
St. Augustine, anc. tn., winter res., Flor., U.S.; p. 4,295. 29.51 N., 81.30 W.
St. Austell, tn., Cornwall, Eng.; woollens; p. 3,355. 50.21 N., 4.48 W.
St. Bartholomew, isl., Fr. W. Indies; a. 8 sq. m., p. 3,200. 17.54 N., 62.52 W.
St. Bees, w. pl., headland, Cumberland, Eng.; p. 1,236. 54.29 N., 3.35 W.
St. Bernard, Gt. and Lit., mt. passes, Alps; 8,120 ft. 45.51 N., 7.11 E.
St. Brieuc, cap. Côtes-du-Nord, France; p. 22,350. 48.33 N., 2.45 W.
St. Catherine's, cy., Ont., Canada; machy.; p. 12,307. 43.11 N., 79.17 W.
St. Chamond, tn., Loire, France; ribbons; p. 15,575. 45.30 N., 4.33 E.
St. Christopher (St. Kitts), Br. isl., W. Indies; p. 30,000. 17.20 N., 62.46 W.
St. Clair, riv., lake, N. America; riv. 42 m. long. 42.45 N., 82.37 W.
St. Cloud, tn., Seine-et-Oise, France; p. 7,225. 48.50 N., 2.20 E.
St. Cyr, vil., Seine-et-Oise, Fr.; fam. mil. sch.; 4,278. 46.27 N., 1.19 E.
St. Davids, cy., Pembroke, Wales; cath.; p. 1,730. 51.53 N., 5.16 W.
St. Denis, tn., Seine, France; calicoes; p. 64,790. 48.56 N., 2.21 E.
St. Dié, tn., Vosges, France; cath.; p. 21,845. 48.17 N., 6.57 E.
St. Elias, Mount, volc. mt., Alaska; 18,020 ft. 60.17 N., 140.52 W.
St. Etienne, mnfg. tn., Loire, France; p. 146,788. 45.24 N., 4.25 E.
St. Gall, cap. St. G. canton, Switz.; textiles; p. 55,400. 46.31 N., 8.49 E.
St. George's Chan., between S. Wales and Ireland. 53.00 N., 5.00 W.
St. Germain-en-Laye, tn., Seine-et-Oise, Fr.; p. 17,453. 48.54 N., 2.04 E.
St. Gotthard, mt., Switz.; famous tunnel; 10,490 ft. 46.36 N., 8.30 E.
St. Helena, Br. isl., S. Atlantic; a. 47 sq. m., p. 3,558. 16.00 S., 5.38 W.
St. Helens, tn., Lancs, Eng.; mnfs. glass; p. 95,161. 53.27 N., 2.44 W.
St. Helier, spt. tn., cap. Jersey, Channel Is.; p. 27,955. 49.11 N., 2.06 W.
St. Ives, spt., fishing tn., Cornwall, Eng.; p. 1,410. 50.13 N., 5.29 W.
St. John, lgst. riv., New Brunswick; 450 m. 45.20 N., 66.10 W.
St. John, spt., commer. cap. New Brunswick; p. 41,500. 45.17 N., 66.02 W.
St. John's, spt., cap. Newfoundland; fisheries; p. 30,250. 47.36 N., 52.54 W.
St. Joseph, cy., co. cap., Missouri, U.S.; mnfs.; p. 118,004. 39.49 N., 94.52 W.
St. Kilda, isl., Hebrides, Scot.; sea-fowl; p. 85. 57.49 N., 8.34 W.
St. Lawrence, gt. riv., N. Amer.; ent. G. of St. L.; 2,200 m. 47.30 N., 70.00 W.
St. Lawrence, Gulf of, large inlet of N. Atlantic Ocean. 48.00 N., 62.00 W.

St. Lô, tn., Manche, France ; cloth, ribbons ; p. 11,733. 49.06 N., 1.05 W.
St. Louis, cy., riv. port, Missouri, U.S. ; p. 751,112. 38.36 N., 90.18 W.
St. Louis, cap. Senegal, Fr. W. Africa ; cath. ; p. 20,000. 16.07 N., 16.30 W.
St. Lucia, Br. isl., W. Indies ; a. 245 sq. m., p. 55,097. 13.50 N., 60.55 W.
St. Malo, spt., Ille-et-Vilaine, Fr. ; shipbldg. ; p. 11,650. 48.39 N., 2.01 W.
St. Martin, isl., W. Indies ; a. 37 sq. m., p. 2,150. 18.03 N., 63.04 W.
St. Michael's Mount, rocky islet, Cornwall, England. 50.08 N., 5.29 W.
St. Michel, Mont, rocky islet, vil., Manche, France. 48.40 H., 1.30 W.
St. Moritz, w. pl., Upper Engadine, Switz. ; p. 1,600. 46.29 N., 9.50 E.
St. Nazaire, spt., Loire-Inf., France ; p. 35,762. 47.16 N., 2.12 W.
St. Neots, mkt. tn., Hunts, Eng. ; mnfs. ; p. 3,895. 52.14 N., 0.16 W.
St. Nicolas, tn., E. Flanders, Belgium ; flax ; p. 33,661. 51.10 N., 4.07 E.
St. Omer, fort. tn., Pas-de-Calais, France ; p. 20,952. 50.45 N., 2.15 E.
St. Paul, imp. com. cy., cap. Minn.n, U.S.; p. 203,815. 44.55 N., 93.00 W.
St. Paul, Fr. volc. isl., Indian Ocean ; 2 m. long. 39.30 S., 75.00 E.
St. Peter Port, cap. Guernsey, Channel Is. ; p. 18,500. 49.30 N., 2.30 W.
St. Petersburg, spt., cap. Russ. Emp. ; cath. ; p. 1,678,000. 59.58 N., 30.26 E.
St. Pierre, tn., Martinique ; destroyed by erup. 1902. 14.46 N., 61.07 W.
St. Pierre, Fr. isl., off S. cst. Newfoundland ; p. 4,265. 46.46 N., 56.14 W.
St. Quentin, tn., Aisne, France ; cotton ; p. 52,778. 49.50 N., 3.17 E.
St. Servan, spt., w. pl., Ille-et-Vilaine, Fr. ; p. 12,710. 48.38 N., 2.00 W.
St. Thomas, Port. volc. isl., W. cst. Africa ; p. 37,776. 0.20 N., 6.40 E.
St. Thomas, isl., Dan. W. Indies ; a. 33 sq. m., p. 14,500. 18.23 N., 64.55 W.
St. Vincent, Br. isl., W. Indies ; a. 132 sq. m., p. 52,590. 13.18 N , 61.12 W.
St. Vincent, Cape, prom., S.W. corner of Portugal. 37.04 N., 9.00 W.
Saintes, old tn., Charente-Inf., France ; mnfs. ; p. 18,375. 45.44 N., 0.38 W.
Sakai, spt. tn., S.W. Honshiu, Japan ; cotton ; p. 61,103. 34.3 N., 135.22 E.
Salamanca, cy., cap. S. prov., Spain ; univ. ; p. 25,250. 40.59 N., 5.39 W.
Salamis, mtnous. isl., off Attica, Greece ; p. 6,600. 37.55 N., 23.30 E.
Salayer, isl. grp., off S.W. Celebes, E. Indies ; p. 80,000. 6.00 S., 120.25 E.
Salem, tn., Madras, India ; cotton mnfs. ; p. 70,800. 11.37 N., 78.10 E.
Salem, cy., port of entry, Mass., U.S. ; cottons ; p. 37,627. 42.28 N., 70.59 W.
Salerno, spt. cy., cap. S. prov., Italy ; cath. ; p. 42,450. 40.41 N., 14.47 E.
Salisbury, cy., cap. Wilts, Eng. ; cath. ; agric. ; p. 17,325. 51.04 N., 1.48 W.
Salisbury, cap. S. Rhodesia, on rly. ; white p. 500. 17.54 S., 31.30 E.
Sallee (Sali), spt., Morocco, on Atlantic ; p. 10,000. 34.05 N., 11.26 W.
Salonica, spt., commer. cy., Eur. Turkey ; p. 150,000. 40.38 N., 22.56 E.
Salsette, isl., off N. Bombay, India ; p. 100,000. 19.10 N., 72.49 E.
Salt Lake, Cy., cap. Utah, U.S. ; mining ; p. 100,000. 40.48 N., 112.5 W.
Salta, cap. S. prov., Argentina ; archb. see ; p. 18,000. 24.32 S., 66.14 W.
Salt Range, mts., Punjab, India ; pk. 5,000 ft. 32.35 N., 72.00 E.
Saltaire, model vil., W.R. Yorks, Eng. ; p. 5,000. 53.50 N., 1.46 W.
Saltash, spt., Cornwall, Eng., on Tamar ; p. 3,359. 50.24 N., 4.13 W.
Saltburn, w. pl., N.R. Yorks, Eng. ; p. 2,600. 54.35 N., 0.58 W.
Saltcoats, w. pl., Ayr, Scot., on F. of Clyde ; p. 8,250. 55.39 N., 4.47 W.
Saltillo, cap. Coahuila, Mexico ; cath. ; p. 24,250. 25.28 N., 101.02 W.
Salto, tn., port, cap. Salto dep., Uruguay ; p. 14,500. 31.10 S., 57.20 W.
Salvador, rep., Cent. Amer, ; a. 8,150 sq. m., p. 1,116,250. 13.40 N., 89.00 W.
Salween, riv., Burma, enters G. of Martaban. 20.000 N., 98.00 E.
Salzbrunn, w. pl., Silesia, Prussia ; p. 5,250. 50.50 N., 16.16 E.
Salzburg, crwnld., Austria ; a. 2,767 sq. m., p. 194,500. 47.2 0 N., 13.00 E.
Salzburg, cy., cap. of above ; cath. ; mnfs. ; p. 33,250. 47.408 N., 13.03 E.
Salzkammergut, dist., Austria ; a. 230 sq. m., p. 17,500. 47.4 N., 13.40 E.
Samara, cap. S. gov., Russia ; trade centre ; p. 90,250. 53.10 N., 50.09 E.
Samarang, spt., N. Java ; exports coffee ; p. 96,000. 7.00 S., 110.30 E.
Samarkand, cap. S. prov., Russ. Turkestan ; p. 58,250. 39.49 N., 67.18 E.
Sambre, riv., France, trib. of R. Meuse ; 110 m. 50.14 N., 3.50 E.
Samoa (Navigators) Is., grp., W. Pacific ; p. 39,000. 12.00 S., 170.00 W.
Samos, is., off W. coast Asia Minor ; p. 53,424. 37.45 N., 26.50 E.
Samothrace, isl., Ægean Sea ; a. 6 8 sq. m., p. 5,000. 40.27 N., 25.35 E.

Samsö, isl., Denmark ; a. 42 sq. m., p. 6,950. 55.50 N., 10.35 E.
Samsun, spt., As. Turkey, on Black Sea ; p. 12,000. 41.17 N., 36.19 E.
San Antonio, co. cap., Texas, U.S. ; flour ; p. 62,711. 29.28 N., 98.28 W.
San Cristóbal, cap. Chiapas, Mexico ; p. 16,000 16.25 N., 92.42 W.
San Diego, chf. pt., S. Cal., U.S., cap. S.D. co. ; p. 20,000. 32.47 N., 117.08 W.
San Domingo, repub., incl. grtr. part Hayti ; p. 610,000. 19.00 N., 71.00 W.
San Domingo, spt., cap. of above ; arsenal ; p. 18,626. 18.30 N., 69.52 W.
San Fernando, tn., fort. port, Cadiz, Spain ; p. 29,945. 36.27 N., 6.12 W.
San Francisco, cy., Cal., U.S. ; earthq. 1906 ; p. 450,000. 37.47 N., 122.25 W.
San José, co. cap., Cal., U.S. ; fruits ; p. 24,000. 37.16 N., 121.50 W.
San José, cap. Costa Rica ; distilling ; p. 26,682. 9.56 N., 83.52 W.
San Juan, cap. S. J. prov., Argentina ; p. 11,500. 31.2 S., 68.57 W.
San Juan, fort. tn., spt., cap. Porto Rico ; p. 32,450. 18.30 N., 66.07 W.
San Luis, cap. S. L. prov., Argentina ; p. 10,500. 33.12 S., 66.13 W.
San Luis Potosi, cap. S. L. P. state, Mexico ; p. 60,400. 22.02 N., 100.58 W.
San Marino, repub., Italy ; a. 33 sq. m., p. 10,310. 43.57 N., 12.27 E.
San Miguel, tn., Salvador ; imp. fairs ; p. 24,768. 13.35 N., 88.10 W.
San Remo, cy., N. Italy, on G. of Genoa ; p. 21,640. 43.50 N., 7.46 E.
San Salvador, cap. Salvador ; cath., univ. ; p. 59,540. 13.39 N., 89.13 W.
San Sebastián, fort. spt., Guipuzcoa, Spain ; p. 37,945. 43.20 N., 2.00 W.
San Severo, cy., Foggia, Italy ; cath. ; p. 30,250. 41.42 N., 15.23 E.
San Vicente, tn., Salvador ; cloths, silks ; p. 17,832. 13.46 N., 88.43 W.
Sana, walled tn., cap. Yemen, Arabia ; p. 50,000. 15.10 N., 44.32 E.
Sandakan, spt., cap. Br. N. Borneo ; on E. coast ; p. 6,000. 5.54 N., 118.12 E.
Sandalwood (Sumba), isl., D.E. Indies ; p. 200,000. 9.50 S., 120.00 E.
Sandbach, mkt. tn., Cheshire, Eng. ; boots ; p. 5,595. 53.09 N., 2.22 W.
Sandgate, w. pl., Kent, Eng., on S. coast ; p. 2,310. 51.04 N., 1.09 E.
Sandown, w. pl., I. of Wight, on S. coast ; p. 5,100. 50.49 N., 1.09 W.
Sandringham, royal residence, Norfolk, England. 52.49 N., 0.30 E.
Sandusky, port, Ohio, U.S., on L. Erie ; p. 20,378. 41.23 N., 82.43 W.
Sandwich, decayed port, Kent, Eng. ; p. 3,200. 51.17 N., 1.20 E.
Sandy Hook, narrow sandy pen., New Jersey, U.S. 40.24 N., 73.59 W.
Sangir, isl. grp., D. E. Ind. ; a. 323 sq. m., p. 115,000. 3.30 N., 125.30 E.
Sanlúcar de Barrameda, spt., Cadiz, Spain ; p. 24,000. 36.47 N., 6.22 W.
Sansandig, tn., W. Africa, on R. Niger ; p. 20,000. 13.47 N., 5.50 W.
Santa Ana, tn., Salvador ; sugar, mining ; p. 48,120. 13.58 N., 89.36 W.
Sta. Barbara, cy., w. pl., Cal., U.S. ; hot sprs. ; p. 6,620. 34.27 N., 119.50 W.
Santa Catharina, state, isl., Brazil ; state p. 320,350. 27.35 S., 50.00 W.
Santa Cruz, isl., Virgin Is., W. Indies ; p. 22,000. 17.45 N., 64.48 W.
Santa Cruz (Nitendi), isl., Melanesia, Pacific ; a. 216 sq. m. 10.40 S., 166.00 E.
Santa Cruz, spt., Tenerife, cap. Canary Is. ; p. 39,500. 28.30 N., 16.12 E.
Santa Cruz, cap. S. C. dep, Bolivia ; p. 20,535. 17.50 S., 62.10 W.
Santa Cruz, terr., S. Arg. ; a. 106,890 sq. m., p. 4,214. 50.00 S., 70.00 W.
Santa Fé, cap. S. F. prov., Argentina ; p. 33,200. 31.37 S., 60.48 W.
Santa Fé, tn., Ariz., U.S., fmr. cap. N. Mex. ; p. 8,000. 35.39 N., 106.02 W.
Santa Marta, spt., Colombia on Caribbean S. ; p. 8,500. 11.12 N., 74.16 W.
Santa Maura, isl., Greece ; a. 110 sq. m., p. 32,000. 38.43 N., 20.40 E.
Santander, spt., resort, cap. S. prov., Spain ; p. 55,000. 43.30 N., 3.51 W.
Santarem, cap. Estremadura, Portugal ; p. 8,950. 39.14 N., 8.40 W.
Santiago, cap. Chile ; univ. ; fine scenery ; p. 332,724. 33.22 S., 70.38 W.
Santiago, cy., Corunna, Spain ; cath., univ. ; p. 25,250. 42.50 N., 8.30 W.
Santiago de Cuba, spt. cy., Cuba ; cath. ; p. 45,470. 20.00 N., 75.42 W.
Santiago del Estero, prov. cap., Argentina ; p. 10,000. 27.43 S., 64.23 W.
Santorin (Thera), volc. isl., Ægean Sea ; p. 15,000. 36.22 N., 25.28 E.
Santos, spt., São Paulo, Brazil ; p. 35,000. 23.54 S., 46.12 W.
São Francisco, large riv., Brazil ; 1,800 m. 26.12 S., 48.30 W.
São Paulo, cap. S. P. state, Brazil ; coffee ; p. 348,000. 21.20 S., 42.20 W.
Saône, riv., France, trib. of R. Rhone ; 282 m. 46.02 N., 4.45 E.
Saône-et-Loire, dep. France ; a. 3,331 sq. m., p. 613,377. 46.40 N., 4.30 E.
Saragossa, cy., cap. S. prov., Spain ; caths. ; p. 100,000. 41.40 N., 0.58 W.

Sarajevo (Bosna Serai), cap. Bosnia ; mnfs. ; p. 42,000. 43.54 N., 18.30 E.
Saratof, cy., E. Russia, on R. Volga ; caths. ; p. 137,500. 51.31 N., 46.00 E.
Saratoga Springs, fash. w. pl., New York, U.S. ; p. 13,750. 43.04 N., 73.52 W.
Sarawak, Br. protec. state, N.W. Borneo ; p. 500,000. 2.00 N., 113.00 E.
Sardinia, isl., Italy ; a. 9,206 sq. m., p. 818,000. 40.00 N., 9.00 E.
Sark, smallest Channel I. ; a. 2 sq. m., p. 510. 49.27 N., 2.22 W.
Sarnia, tn., pt., Ontario, Canada ; p. 8,400. 42.59 N., 82.33 W.
Sarno, cy., Salermo, Italy ; castle, cath. ; p. 19,420. 40.48 N., 14.38 E.
Sarthe, dep., France ; a. 2,396 sq. m., p. 421,470. 48.00 N., 0.15 E.
Sasebo, grt. nav. port, Kiushiu, Japan ; p. 93,051. 33.10 N., 129.45 E.
Saskatchewan, large riv., Canada ; 1,514 m. long. 53.55 N., 103.00 W.
Saskatchewan, prov., Can. ; a. 275,000 sq. m., p. 257,763. 54.00 N., 105.00 W.
Sassari, cap. S. prov., Sardinia ; univ. ; p. 38,500. 40.43 N., 8.34 E.
Sátárá, tn., Bombay, near R. Kistna ; p. 30,000. 17.41 N., 74.01 E.
Saugor (Sagar), tn., Cent. Provs., Br. India ; p. 44,850. 23.51 N., 78.42 E.
Sault Ste. Marie, port of entry, tn., Ontario ; p. 11,440. 46.33 N., 84.32 W.
Saumur, tn., Maine-et-Loire, France ; p. 16,455. 47.15 N., 0.04 W.
Savage, Br. isl., E. of Friendly Is., Pacific ; p. 5,000. 19.03 S., 169.55 W.
Savannah, riv., betw. Georgia and S. Car., U.S. ; 450 m. 32.50 N., 81.10 W.
Savannah, spt. cy., Georg., U.S. ; exp. cotton ; p. 72,000. 32.03 N., 81.07 W.
Save, riv., S. Austria, trib. of Danube ; 556 m. 44.40 N., 20.00 E.
Savona, spt., Italy, on G. of Genoa ; ironwks. ; p. 38,750. 44.19 N., 8.28 E.
Savoie, dep., France ; a. 2,388 sq. m., p. 253,297. 45.25 N., 6.30 E.
Savoy, terr., France ; now forms two departments. 46.00 N., 6.00 E.
Saxe-Altenburg, duchy, Ger. ; a. 511 sq. m., p. 206,508. 50.50 N., 11.40 E.
Saxe-Coburg.-Gotha, duchy. Ger. ; a. 755 sq. m., p. 242,432. 50.15 N., 11.00 E.
Saxe-Meiningen, duchy, Ger. ; a. 953 sq. m., p. 268,916. 50.55 N., 10.40 E.
Saxe-Weimar, duchy, Ger. ; a. 1,387 sq. m., p. 388,095. 51.00 N., 11.30 E.
Saxony, kgdm., Ger. ; a. 5,787 sq. m., p. 4,508,601. 50.45 N., 13.00 E.
Saxony, prov., Prussia ; a. 9,746 sq. m., p. 2,979,221. 52.00 N., 11.40 E
Scafell, double peaked mt., Cumb., Eng. ; 3,210 ft. 54.26 N., 3.14 W.
Scandinavia, pen. comprising Norway and Sweden. 62.00 N., 12.00 E.
Scarba, isl., Argyll, Scot. ; a. 6 sq. m., p. 15. 56.11 N., 5.43 W.
Scarborough, w. pl., spt., N.R. Yorks., Eng. ; p. 38,450. 54.12 N., 0.24 W.
Schaffhausen, cap. S. canton, Switz., on Rhine ; p. 15,560. 47.41 N., 8.38 E.
Schaumberg-Lippe, princip., Ger. ; a. 131 sq. m., p. 44,992. 52.22 N., 9.08 E.
Scheldt, riv., N.E. France and Belgium ; 270 m. 50.10 N., 3.11 E.
Schemnitz, mining tn., Hungary ; gold, silver ; p. 16,540. 48.27 N., 18.52 E.
Schenectady, cy., New York., U.S. ; univ. ; p. 61,919. 42.44 N., 73.59 W.
Scheveningen, w. pl., cst. tn., Holl., on N. Sea. ; p. 21,250. 52.16 N., 4.16 E.
Schiedam, tn., Holland, nr. Maas R. ; p. 31,409. 51.54 N., 4.24 E.
Schiehallion, mt., Perth, Scot. ; 3,547 ft. high. 56.40 N., 4.05 W.
Schleswig, spt. tn., Schleswig-Hol., Prussia ; p. 18,240. 54.31 N., 9.34 E.
Schleswig-Holstein, prov., Prussia ; p. 1,387,968. 54.21 N., 9.55 E.
Schlüsselburg, tn., fortress, Russia ; p. 5,305. 59.57 N., 32.00 E.
Schneidemühl, tn., Posen, Russia ; mnfs. ; p. 19,875. 53.09 N., 16.43 E.
Schouwen, isl., Zealand, Holland ; p. 24,250. 51.42 N., 3.50 E.
Schreckhorn, mt., Bernese Alps, Switz. ; 13,386 ft. 46.35 N., 8.07 E.
Schwarzburg-Rudolstadt, princip., Ger. ; p. 96,835. 50.40 N., 11.10 E.
Schwarzburg-Sondershausen, princip., Ger. ; p. 85,152. 51.20 N., 10.45 E.
Schweidnitz, tn., Silesia, Prussia ; linens ; p. 28,725. 50.50 N., 16.28 E.
Schweinfurt, tn., Bavaria ; mnfs. shoes ; p. 18,345. 50.03 N., 10.13 E.
Schwerin, cap. Mecklenburg, S. Ger. ; cath. ; p. 41,628. 53.38 N., 11.25 E.
Schwyz, cap. S. canton, Switz. ; tourist res. ; p. 6,800. 47.01 N., 8.38 E.
Sciacca, spt., S. Sicily ; hot springs ; p. 24,821. 37.29 N., 13.06 E.
Scilly Is., grp., off Cornwall, Eng. ; p. 2,110. 49.55 N., 6.20 W.
Scioto, beaut. riv., Ohio, U.S., trib. of Ohio R. ; 300 m. 38.50 N., 82.53 W.
Scotland, N. part of Gt. Britain ; a. 30,902 sq. m., p. 5½ mil. 56.00 N., 5.00 W.
Scranton, cy., Penn., U.S. ; var. factories ; p. 118,692. 41.22 N., 75.46 W.
Scutari, tn., As. Turkey, on Bosphorus : p. 60,000. 41.03 N., 29.02 E.

Scutari, tn., Eur. Turkey, on L. Scutari ; p. 21,695. 42.01 N., 19.28 E.
Seaford, w. pl., Sussex, Eng. ; golf links ; p. 2,635. 50.47 N., 0.06 E.
Seaham Harbour, spt., Durham, Eng. ; p. 10,345. 54.50 N., 1.20 W.
Seattle, spt., cy., Wash., U.S. ; lumber, shipbldg. ; p. 242,000. 47.40 N., 122.00 W.
Sebenico, tn., Dalmatia, Austria ; cath. ; p. 24,960. 43.44 N., 15.53 E.
Secunderabad, tn., Hyderabad, Ind. ; mil. sta. ; p. 60,000. 29.59 N., 71.24 E.
Sedan, frontier tn., Ardennes, Fr. ; battle 1870 ; p. 20,460. 49.42 N., 4.57 E.
Sedgemoor, dist., Somerset, Eng. ; battle 1685. 51.05 N., 2.58 W.
Segovia, cy., cap. S. prov., Spain ; cath. ; p. 14,820. 40.55 N., 4.09 W.
Segu, tn., Fr. Sudan, W. Africa ; imp. trade ; p. 36,000. 13.24 N., 6.18 W.
Seine, imp. riv., France, enters English Chan. ; 482 m. 49.05 N., 1.30 E.
Seine, dep., France ; a. 185 sq. m., p. 3,848,618. 48.55 N., 2.25 E.
Seine-et-Marne, dep., France ; a. 2,214 sq. m., p. 361,939. 48.40 N., 3.00 E.
Seine-et-Oise, dep., France ; a. 2,163 sq. m., p. 749,753. 48.50 N., 1.55 E.
Seine-Inférieure, dep., France ; a. 2,330 sq. m., p. 863,879. 49.40 N., 1.00 E.
Selangor, Br. protec. state, Malay Pen. ; p. 170,000. 3.25 N., 101.40 E.
Selby, mkt. tn., W.R., Yorks, Eng. ; mnfs. flax ; p. 7,795. 53.47 N., 1.04 W.
Selenga, riv., Mongolia, enters L. Baikal ; 740 m. 51.23 N., 107.00 E.
Selkirk, co. tn., Selkirk, Scot. ; mnfs. tweeds ; p. 6,320. 55.33 N., 2.51 W.
Selkirk Mts., range of the Rocky Mts., Br. Columbia. 51.00 N., 118.00 W.
Selkirkshire, co., Scot. ; a. 260 sq. m., p. 23,356. 55.30 N., 3.00 W.
Selsey Bill, most S. pt. of Sussex, England. 50.43 N., 0.47 W.
Semipalatinsk, cap. S. prov., As. Russia ; p. 36,250. 50.33 N., 80.06 E.
Semiretchensk, prov., As. Russ. ; a. 147,298 sq. m., p. 1 mil. 47.00 N., 80.00 E.
Semlin, frontier tn., Hungary ; castle rns. ; p. 14,535. 44.55 N., 20.25 E.
Semmering, mt. and pass, Styria, Austria ; 4,577 ft. 47.39 N., 15.48 E.
Sempach, tn., lake, Switz. ; battle 1386 ; p. 1,150. 47.08 N., 8.11 E.
Sendai, tn., Honshiu, Japan, on E. coast ; p. 97,945. 38.06 N., 141.10 E.
Senegal, riv., W. Africa, flows to Atlantic ; 890 m. 12.00 N., 10.00 W.
Senegal, Fr. col., W. Af. ; a. 74,000 sq. m., p. 1,130,889. 14.30 N., 14.30 W.
Senegambia, now Upper Senegal and Niger (*q.v.*). 13.00 N., 14.00 W.
Senlis, anc. tn., Oise, France ; cath. ; p. 7,230. 49.12 N., 2.35 E.
Sennar, cy., Eastern Sudan, on Blue Nile ; p. 8,000. 13.27 N., 33.50 E.
Sens, tn., Yonne, France ; Gothic cath. ; p. 15,200. 48.11 N., 3.16 E.
Seoul (Seul), cap. Korea, on R. Han ; p. 150,000. 37.26 N., 126.58 E.
Seraing, tn., Liége, Belgium ; machine shops ; p. 42,638. 50.37 N., 5.30 E.
Serampore, tn., Bengal, on Hooghly R. ; p. 44,800. 22.47 N., 88.20 E.
Seres, anc. tn., Eur. Turkey ; wool, skins ; p. 31,850. 41.05 N., 23.34 E.
Sereth, riv., Moldavia, trib. of Danube ; 300 m. 45.45 N., 27.25 E.
Sergipe, state, tn., Brazil ; a. 7,370 sq. m., p. 356,700. 10.30 S., 37.30 W.
Seringapatam, former cap. Mysore, S. India ; p. 12,670. 12.24 N., 76.41 E.
Serpukov, tn., Moscow, Russia ; cottons ; p. 24,755. 54.59 N., 37.33 E.
Servia, kgdm., Europe ; a. 18,750 sq. m., p. 2,688,025. 44.00 N., 21.00 E.
Setubal, spt., Estremadura, Portugal ; p. 21,975. 38.32 N., 8.55 W.
Sevastopol, strongly fort. nav. pt., Crimea, Russ. ; p. 53,595. 44.34 N., 33.28 E.
Sevenoaks, mkt. tn., Kent, Eng. ; grammar sch. ; p. 8,200. 51.17 N., 0.12 E.
Severn, riv., Eng., flows to Bristol Chan. ; 210 m. 52.28 N., 3.40 W.
Seville, cy., port, cap. S. prov., Spain ; cath. ; p. 148,000. 37.22 N., 5.52 W.
Sèvres, tn., Seine-et-Oise, Fr. ; porcelain ; p. 8,270. 48.49 N., 2.12 E.
Seychelles, Br. isl. grp., In. Ocean ; a. 1,028 sq. m., p. 21,982. 4.00 S., 57.00 E.
Seyne, La, spt., Var. France ; shipbldg. yards ; p. 20,000. 43.12 N., 5.51 E.
Sfax, spt., Tunis, N. Africa ; olive oil, cottons ; p. 30,000. 34.45 N., 10.36 E.
Shahjahanpur, tn., United Provs. ; sugar ; p. 77,250. 27.54 N., 80.00 E.
Shamo (Gobi), desert, E. Cent. Asia ; alt. 4,000 ft. 43.00 N., 110.00 E.
Shan States, large reg., Further India ; p. 4 mil. 21.00 N., 99.00 E.
Shanghai, chf. spt., China ; large trade ; p. 651,000. 31.13 N., 121.27 E.
Shanklin, w. pl., I. of Wight, on S.E. coast ; p. 4,557. 50.36 N., 1.11 W.
Shannon, lgst. riv. of Ireland, enters Atlantic ; 254 m. 52.40 N., 8.45 W.
Shansi, prov., China ; a. 81,300 sq. m., p. 12,200,456. 38.00 N., 112.00 E.
Shantung, marit. prov., China ; a. 55,986 sq. m., p. 38¼ mil. 36.30 N., 118.30 E.

Shasi, treaty port, Hupeh, China ; p. 86,000. 30.27 N., 112.15 E.
Shat-el-Arab, estuary of Euphrates and Tigris. 30.40 N., 47.51 E.
Sheboygan, cy., Wisconsin, U.S. ; foundries ; p. 24,239. 43.43 N., 87.41 W.
Sheerness, fort. spt., royal dockyard, Kent, Eng. ; p. 18,375. 51.27 N., 0.45 E.
Sheffield, mfg. tn., W.R. Yorks, Eng. ; cutlery ; p. 470,958. 53.28 N., 1.28 W.
Shemakha, tn., Caucasus, Russia ; silk ; p. 28,545. 40.38 N., 48.33 E.
Shensi, prov., China ; a. 75,292 sq. m., p. 8,450,182. 36.00 N., 109.30 E.
Sheppey, Isle of, part of Kent, Eng. ; 9 m. by 5 m. 51.24 N., 0.50 E.
Shepton Mallet, anc. mkt. tn., Somerset, Eng. ; p. 5,300. 51.12 N., 2.32 W.
Sherborne, mkt. tn., Dorset, Eng. ; mnfs. silk ; p. 5,795. 50.57 N., 2.31 W.
Sherbrooke, cy., Quebec ; several factories ; p. 15,000. 45.08 N., 61.59 W.
Sherwood Forest, hilly dist., Notts, England. 53.09 N., 1.07 W.
Shetland Is., isl. grp., co., N. of Scot. ; p. 28,166. 60.15 N., 1.15 W.
Shiel, Lock, freshwater lake, Scot., 17 m. long. 56.47 N., 5.35 W.
Shigatze (Digarchi), tn., Tibet, on Sanko ; p. 9,000. 29.12 N., 88.36 E.
Shikarpur, tn., Sind, Bombay ; carpets ; p. 49,800. 27.56 N., 68.38 E.
Shikoku, isl., Japan ; a. 6,840 sq. m., p. 3,288,290. 34.00 N., 133.00 E.
Shimonoseki, spt., S.W. Honshiu, Japan ; p. 58,254. 34.00 N., 131.00 E.
Shin, Loch, lake, Sutherland, Scot. ; 16½ m. long. 58.08 N., 4.37 W.
Shipka, mt. pass, Bulgaria, across the Balkans. 42.42 N., 25.15 E.
Shipley, tn., W.R. Yorks, Eng. ; worsted ; p. 25,625. 53.50 N., 1.46 W.
Shiraz, cap. Fars, Persia ; mnfs. rose-water ; p. 50,000. 29.39 N., 52.40 E.
Shiré, riv., E. Africa, trib. of Zambesi ; 370 m. 16.06 S., 35.06 E.
Shirwa, lake, S.E. Africa ; 40 m. by 18 m. 15.00 S., 35.40 E.
Shoa, mtns. country, Abyssinia ; oranges ; p. 1,500,000. 9.30 N., 39.40 E.
Shoeburyness, vil., Essex, Eng. ; gunnery school. 51.32 N., 0.47 E.
Sholapur, tn., Bombay ; silk, cotton mnfs. ; p. 75,460. 17.39 N., 75.54 E.
Shoreditch, parl. bor., N. London ; p. 118,250. 51.32 N., 0.04 W.
Shoreham, New, spt., Sussex, Eng. ; p. 4,000. 50.50 N., 0.17 W.
Shorncliffe, mil. camp, Kent, England. 51.07 N., 1.08 E.
Shoshong, tn., Bechuanaland, Khama's former cap. 23.10 S., 26.15 E.
Shreveport, cy., Louisiana, U.S. ; var. mnfs. ; p. 35,000. 32.28 N., 93.47 W.
Shrewsbury, co. tn., Salop, Eng. ; glass-pntg. ; p. 28,600. 52.43 N., 2.46 W.
Shropshire (Salop), co., Eng. ; a. 1,343 sq. m., p. 240,000. 52.45 N., 2.45 W.
Shumla, fort. tn., Bulgaria ; clothing ; p. 22,275. 43.17 N., 26.58 E.
Shusha, tn., Transcaucasia, Russia ; p. 32,042. 39.38 N., 46.44 E.
Shuster, tn., Persia, on R. Karun ; p. 18,000. 32.00 N., 49.00 E.
Sialkot, tn., Punjab, Br. India ; paper ; p. 58,250. 32.30 N., 74.36 E.
Siam, kgdm., Further India ; a. 195,000 sq. m., p. 6½ mil. 15.00 N., 100.00 E.
Sianfu, cy., cap. Shensi, China ; lge. trade ; p. 1,000,000. 34.05 N., 108.50 E.
Siangtan, cy., Hunan, China ; grt. trade ; p. 1,000,000. 27.52 N., 112.42 E.
Siberia, Russ. ter., Asia ; a. 4,833,500 sq. m., 7,049,200. 65.00 N., 110.00 E.
Sicily, isl., S. of Italy ; a. 9,828 sq. m., p. 3,531,000. 37.30 N., 14.00 E.
Sidi-bel-Abbès, tn., Algeria ; grain trade ; p. 26,000. 35.09 N., 0.35 W.
Sidlaw Hills, range, Forfar, Scot. ; 1,235 ft. 55.30 N., 3.10 W.
Sidmouth, w. pl., mkt. tn., S. Devon, Eng. ; p. 4,235. 50.41 N., 3.14 W.
Siedlce, tn., cap. S. gov., Poland ; p. 26,300. 52.10 N., 22.19 E.
Siegen, tn., Westphalia, Prussia ; mnfs. ; p. 22,255. 50.53 N., 8.01 E.
Siena, walled tn., cap. S. prov., Italy ; cath. ; p. 28,455. 43.20 N., 11.19 E.
Sierra Leone, Br. col. and protec., W. Africa ; p. 1,080,000. 8.00 N., 12.30 W.
Sierra Madre, mt. range, Cent. Mexico. 24.30 N., 106.00 W.
Sierra Morena, mt. ridge, S. Spain ; pk. 7,900 ft. 38.35 N., 3.40 W.
Sierra Nevada, mt. range, S. Spain ; pk. 11,670 ft. 37.05 N., 3.20 W.
Sigmaringen, cap. Hohenzollern, Ger. ; p. 4,589. 48.04 N., 9.12 E.
Sikkim, state, N.E. India ; a. 2,820 sq. m., p. 60,000. 27.30 N., 88.25 E.
Silesia, prov., Prussia ; a. 15,560 sq. m., p. 4,942,611. 51.00 N., 17.00 E
Silesia, duchy, Austria ; a. 1,987 sq. m., p. 4,668,857. 49.50 N., 18.10 E
Silistria, tn., Bulgaria, on Danube ; p. 12,500. 44.07 N., 27.14 E.
Silloth, spt., w. pl., Cumb., Eng., on Solway F. ; p. 2,410. 54.52 N., 3.23 W.
Silverton, mining tn., New S. Wales ; p. 300. 31.54 S., 141.12 E.

Simbirsk, cap. S. gov., Russia ; lge. trade ; p. 44,250. 54.17 N., 48.26 E.
Simcoe, lake, Ontario, Canada ; 30 m. by 17 m. 44.25 N., 79.22 W.
Simferopol, tn., Taurida, Russia ; p. 49,080. 44.56 N., 34.05 E.
Simla, dist. cap., govt. sum. hdqrs., Punjab ; p. 15,000. 31.07 N., 77.08 E.
Simon's Town, nav. pt., C. of G. Hope, on Simon's B. ; p. 5,000. 34.13 S., 18.26 E.
Simplon, mt. pass, Switz. ; famous tunnel. 46.12 N., 8.05 E.
Sinai, sacred mt., pen., N.W. Arabia. 28.30 N., 33.58 E.
Sinaloa, state, tn., Mexico ; a. 36,180 sq. m., p. 300,000. 25.00 N., 107.30 W.
Sind, prov., Bombay ; a. 47,066 sq. m., p. 3¼ mil. 25.29 N., 69.00 E.
Sing Sing (Ossining), vil., New York, U.S. ; state prison. 41.11 N., 73.40 W.
Singapore, fr. pt., on S. isl., cap. Strts. Sett. ; p. 195,500. 1.18 N., 103.54 E.
Sinkiang, prov., China ; a. 550,340 sq. m., p. 1,200,000. 41.00 N., 91.00 E.
Sinope, tn., As. Turkey, on the N. coast ; p. 8,000. 42.01 N., 35.07 E.
Sion, cap. Valais, Switz., cath., cas. rns. ; p. 6,125. 46.14 N., 7.21 E.
Siout (Assiut), chf. cy., Up. Egypt, on Nile ; p. 39,442. 27.10 N., 31.08 E.
Sioux City, co. cap., Iowa, U.S. ; mnfs. ; p. 42,520. 42.35 N., 96.30 W.
Sioux Falls, co. cap., S. Dakota, U.S. ; granite ; p. 12,283. 43.32 N., 96.41 W.
Siripul, cy., riv., Afghan Turkestan ; p. 15,000. 36.20 N., 65.58 E.
Sistova, tn., Bulgaria, on R. Danube ; p. 12,500. 43.37 N., 25.21 E.
Sitka, cap. Alaska, on Baranof I. ; p. 1,400. 56.48 N., 135.00 W.
Sittingbourne, mkt. tn., Kent, Eng. ; paper ; p. 8,972. 51.21 N., 0.44 E.
Sivas, cy., As. Turkey, on Kizil Irmak ; p. 43,100. 39.37 N., 37.03 E.
Siwalik Hills, India, run parallel with Himalayas. 30.00 N., 78.00 E.
Skager-Rak, chan. betw. Denmark and Norway. 57.48 N., 9.25 E.
Skagway, port, Alaska ; rly. terminus ; p. 3,130. 59.26 N., 135.13 W.
Skegness, w. pl., Lincs, Eng., on E. coast ; p. 2,165. 53.12 N., 0.18 E.
Skibbereen, mkt. tn., Cork, Ireland ; p. 3,208. 51.33 N., 9.15 W.
Skiddaw, mt., Cumb., Eng. ; 3,054 ft. high. 54.36 N., 3.06 W.
Skien, spt. tn., Bradsberg, Norway ; p. 11,394. 59.13 N., 9.38 E.
Skipton, mkt. tn., W.R. Yorks, Eng. ; p. 12,015. 53.58 N., 2.01 W.
Skye, isl., Hebrides, Scot. ; a. 643 sq. m., p. 14,700. 57.20 N., 6.15 W.
Skyros (Scyro), isl., Greece ; a. 80 sq. m., p. 3,525. 38.52 N., 24.35 E.
Slave Coast, flat cst. reg., Up. Guinea, W. Africa. 5.30 N., 2.30 E.
Slavonia, prov., Hungary, joined with Croatia (q.v.). 45.30 N., 18.00 E.
Sligo, co. tn., Sligo, Irc. ; exports cattle ; p. 10,870. 54.16 N., 8.28 W.
Sligo, co., Irc. ; a. 706 sq. m., p. 84,083. 54.10 N., 8.40 W.
Slivno (Sliven), tn., E. Roumelia ; p. 25,027. 42.42 N., 26.18 E.
Slough, mkt. tn., Bucks, Eng. ; fire clay ; p. 11,600. 51.30 N., 0.35 W.
Sluys, cst. tn., Zealand, Holland ; nav. bat. 1340. 51.23 N., 3.23 E.
Smith's Sound, betw. Baffin B. and Arctic O. 78.00 N., 73.00 W.
Smolensk, cap. S. gov., Russia ; cath. ; p. 46,720. 54.49 N., 32.03 E.
Smyrna, chf. spt., Asia Minor ; carpets ; p. 201,000. 38.26 N., 27.07 E.
Snake, riv., U.S., chf. trib. of Columbia R. ; 1,050 m. 42.30 N., 114.00 W.
Snowdon, mt., Carn., hghst. in Eng. and Wales ; 3,560 ft. 53.05 N., 4.04 W.
Socotra, Br. isl., Indian Ocean ; a. 1,380 sq. m., p. 12,000. 12.30 N., 53.45 E.
Soderhamn, spt., Sweden, on G. of Bothnia ; p. 11,306. 61.17 N., 17.05 E.
Sofala, tn., dist., Port. E. Africa ; tn. p. 1,000. 20.03 S., 34.29 E.
Sofia, cy., cap. Bulgaria ; hot min. sprs. ; p. 100,000. 42.32 N., 23.23 E.
Sogne Fiord, inlet, W. cst. Norway ; 115 m. long. 61.06 N., 6.00 E.
Soissons, fort. tn., Aisne, France ; cath. ; p. 13,300. 49.23 N., 3.20 E.
Sokoto, state, tn., Cent. Af. ; a. 200,000 sq. m., p. 11 mil. 10.00 N., 10.00 E.
Solent, chan., between Hants and I. of Wight. 50.45 N., 1.25 W.
Solferino, vil., N. Italy ; battle 1859 ; p. 1,300. 45.22 N., 10.33 E.
Solingen, tn., Rhen. Prussia ; cutlery ; p. 45,375. 51.11 N., 7.04 E.
Solomon Is., arch., W. Pacific ; 16,950 sq. m., p. 176,500. 6.00 S., 156.00 E.
Solothurn (Soleure), cap. S. canton, Switz. ; p. 10,075. 47.12 N., 7.32 E.
Solway Firth, inlet, sep. Cumb. from S. Scotland. 54.50 N., 3.30 W.
Somaliland, British, protec., E. Africa ; p. 300,000. 10.00 N., 46.00 E.
Somaliland, Italian, protec., E. Africa ; p. 400,000. 5.00 N., 47.00 E.
Somersetshire, co., Eng. ; a. 2,881 sq. m., p. 509,000. 51.10 N., 2.50 W.

Somerville, cy., Mass., U.S., sub. of Boston ; p. 70,798. 42.25 N., 71.5 W.
Somme, riv., N. France, enters English Chan. ; 150 m. 50.14 N., 1.35 E.
Somme, dep., France ; a. 2,378 sq. m., p. 532,567. 50.00 N., 2.10 E.
Sonderhausen, cap. Schwarzburg-S., Ger. ; p. 7,425. 51.22 N., 10.52 E.
Song-ka (Red R.), chf. riv. of Tongking, Fr. Ind. China. 20.41 N., 105.00 E.
Sonora, state, N.W. Mex. ; a. 77,526 sq. m., p. 222,500. 29.20 N., 110.00 W.
Soochow, cy., treaty port, Kiangsu, China ; p. 500,000. 31.26 N., 120.31 E.
Sorata, volc. pk., Bolivian Andes ; 21,470 ft. 15.48 S., 68.30 W.
Sorel, tn., Quebec, Canada ; machinery ; p. 7,060. 46.01 N., 73.01 W.
Sorrento, cy., health res., Naples, Italy ; p. 8,856. 40.38 N., 14.23 E.
Sound, The, chan., betw. Sweden and Denmark. 56.00 N., 12.40 E.
South America, continent, a. 7¾ mil. sq. mils., p. 38½ mil. 10.00 S., 60.00 W.
South Australia, col., Aus. ; a. 903,690 sq. m., p. 407,179. 31.00 S., 137.00 E.
South Bend, co. cap., Indiana, U.S. ; mnfs. ; p. 43,559. 44.10 N., 94.05 W.
South Brabant, prov., Belg. ; a. 1,268 sq. m., p. 1,264,500. 50.50 N., 4.30 E.
South Carolina, state, U.S. ; a. 30,570 sq. m., p. 1½ mil. 34.00 N., 80.30 W.
South Dakota, state, U.S. ; a. 77,650 sq. m., p. 485,000. 45.00 N., 100.00 W.
South Georgia, isl. grp., S. Atlantic ; a. 1,000 sq. m. 54.30 S., 37.00 W.
S. Holland, prov., Holland ; a. 1,160 sq. m., p. 1,363,277. 52.00 N., 4.30 E.
S. Kanara, dist., Madras ; a. 3,902 sq. m., p. 1,057,000. 12.35 N., 75.20 E.
South Shetlands, ice-covered isl. grp., S. Atlantic. 62.00 S., 60.00 W.
South Shields, spt. tn., w. pl., Durham, Eng. ; p. 100,854. 54.59 N., 1.26 W.
South Uist, isl., Outer Hebrides, Scot. ; p. 3,575. 57.15 N., 7.20 W.
Southampton, spt. tn., Hants, Eng. ; mail pack. sta ; p. 124,667. 50.54 N., 1.23 W.
Southend-on-Sea, popu. w. pl., Essex, Eng. ; p. 61,000. 51.32 N., 0.43 E.
Southport, w. pl., Lancs, Eng., on Ribble est. ; p. 48,720. 53.38 N., 3.01 W.
Southsea, w. pl., Hants, Eng., suburb of Portsmouth. 50.47 N., 1.05 W.
Southwark, parl. bor., S.E. London ; p. 206,750. 51.29 N., 0.02 W.
Southwell, cy., Notts, Eng., cathedral ; p. 3,195. 53.04 N., 0.58 W.
Southwold, w. pl., Suffolk, Eng. ; p. 2,855. 52.20 N., 1.41 E.
Sowerby Bridge, mnfg. tn., W.R. Yorks, Eng. ; p. 11,545. 53.42 N., 1.57 W.
Spa, w. pl., Liége, Belgium ; springs ; p. 8,265. 50.28 N., 5.52 E.
Spain, kgdm., S.W. Eur. ; a. 191,366 sq. m., p. 19,712,500. 40.00 N., 3.00 W.
Spalato, mfg. tn., Dalmatia, Aust. ; exp. wine ; p. 27,500. 43.30 N., 16.25 E.
Spalding, tn., Lincs, Eng., on Welland ; p. 9,400. 52.48 N., 0.09 W.
Spandau, tn., fortress, Brandenburg, Prussia ; p. 70,295. 52.34 N., 13.10 E.
Sparta, tn., Greece, nr. site of anc. Sparta ; p. 4,000. 37.06 N., 22.36 E.
Spencer Gulf, deep inlet, S. Australia. 34.00 S., 137.00 E.
Spey, riv., Scot., flows to Moray Firth ; 107 m. 57.40 N., 3.07 W.
Spezia, chf. nav. port, Italy ; shpbldg. ; p. 66,755. 44.06 N., 9.48 E.
Spires, cap. Bavarian Palat., on Rhine R. ; p. 21,000. 49.18 N., 8.26 E.
Spithead, roadsted, S. est. Eng. ; Br. nav. rendezvous. 50.44 N., 1.04 W.
Spitzbergen, Russ. isl. grp., Arctic, N. of Norway. 78.00 N., 18.00 E.
Splügen, mt. pass, Grisons, Switz. ; 6,946 ft. high. 46.30 N., 9.18 E.
Spokane, cy., Wash., U.S., on S. riv. ; p. 108,000. 47.45 N., 117.25 W.
Spoleto, cy., Perugia, Italy ; archb. see ; p. 24,890. 42.44 N., 12.44 E.
Spree, riv., Prussia, trib. of Havel R. ; 227 m. 52.23 N., 13.45 E.
Springfield, cap. Ill., U.S. ; arsenal ; coal ; p. 38,933. 39.47 N., 89.35 W.
Springfield, cy., Mass., U.S. ; cath. ; imp. mfs. ; p. 75,968. 42.05 N., 72.35 W.
Springfield, co. cap., Missouri, U.S. ; cotton ; p. 24,119. 37.17 N., 93.22 W.
Springfield, co. cap., Ohio, U.S. ; coll. ; mnfs. ; p. 42,069. 39.53 N., 83.45 W.
Spurn Head, prom., E.R. Yorks, England. 53.34 N., 0.07 E.
Srinagar, cap. Kashmir ; alt. 5,276 ft. ; p. 123,000. 34.06 N., 74.55 E.
Srirangam, tn., Madras ; grt. temple ; p. 21,780. 10.50 N., 78.39 E.
Stade, tn., Hanover, Prussia ; mnfs. steel ; p. 10,650. 53.36 N., 9.27 E.
Staffa, isl., W. of Scot. ; fam. for Fingal's Cave. 56.27 N., 6.24 W.
Stafford, co. tn., Staffs, Eng. ; ironworks ; p. 21,100. 52.49 N., 2.07 W.
Staffordshire, co., Eng. ; a. 1,169 sq. m., p. 1,236,000. 52.20 N., 2.05 W.
Staines, mkt. tn., Mddlx, Eng. ; breweries ; p. 6,710. 51.26 N., 0.29 W.
Stalybridge, tn., Cheshire, Eng. ; cotton ; p. 27,845. 53.29 N., 2.03 W.

Stamford, mkt. tn., Lincs, Eng., on Welland ; p. 8,264. 52.40 N., 0.29 W.
Stamford, tn., Conn., U.S. ; var. mnfs. ; p. 17,599. 41.03 N., 73.33 W.
Stamford Bridge, vil., E.R. Yorks, Eng. ; battle 1066. 53.59 N., 0.54 W.
Stanislau, tn., Galicia, Austria ; p. 30,780. 48.51 N., 24.40 E.
Stanley Falls, sta., falls, on Congo R., Cent. Africa. 0.30 N., 24.54 E.
Stanley Pool, lake, Cent. Africa, expansion of Congo R. 4.12 S., 15.42 E.
Starbuck, Br. isl., S. Pacific ; exports guano. 5.32 S., 155.35 W.
Stargard, tn., Pomerania, Prussia ; mnfs. ; p. 26,980. 53.21 N., 15.01 E.
Start Point, cape on est. of Devon, England. 50.13 N., 3.38 W.
Stassfurt, tn., Saxony, Prussia ; salt ; p. 20,750. 51.48 N., 11.30 E.
Staten I., isl., New York, U.S. ; 13 m. long ; p. 68,000. 40.35 N., 74.10 W.
Staten I., isl. off Tierra del Fuego, Argentina. 54.40 S., 64.20 W.
Stavanger, spt., S.W. Norway ; cath. ; shipbldg. ; p. 30,613. 59.00 N., 5.39 E.
Stavropol, cap. S. gov., Russia ; imp. mnfs. ; p. 41,650. 45.04 N., 41.58 E.
Stellenbosch, tn., C. of G. Hope ; imp. college ; p. 6,000. 33.54 S., 18.55 E.
Stelvie, mt. pass, Tyrol, Austria ; 9,042 ft. high. 46.30 N., 10.25 E.
Stepney, mt. bor., E. London ; p. 299,500. 51.32 N., 0.02 W.
Stettin, spt., cap. Pomerania, Prussia ; p. 224,119. 53.27 N., 14.33 E.
Stevenage, tn., Herts, Eng. ; straw-plait ; p. 3,977. 51.55 N., 0.13 W.
Stewart, min. tn., Br. Columbia, Canada ; p. 10,000. 56.00 N., 130 W.
Stewart I., most S. isl., N. Zealand ; a 665 sq. m. 46.58 S., 167.55 E.
Steyer, tn., Up. Austria ; iron, steel mnfs. ; p. 17,500. 48.02 N., 14.25 E.
Stillwater, co. cap., Minn., U.S. ; lumber ; p. 12,458. 45.00 N., 92.47 W.
Stirling, co. tn., Stirling, Scot. ; cas. ; tweeds ; p. 18,750. 56.07 N., 3.56 W.
Stirlingshire, co., Scot. ; a. 467 sq. m., p. 142,291. 56.03 N., 4.15 W.
Stockholm, spt., cap. Sweden ; var. mnfs. ; p. 339,582. 59.17 N., 18.03 E.
Stockport, mnfg. tn., Cheshire, Eng. ; cotton ; p. 103,706. 53.25 N., 2.10 W.
Stockton, co. cap., Cal., U.S. ; ironware ; p. 30,000. 37.56 N., 121.13 W.
Stockton-on-Tees, Spt., Durham, Eng. ; shipbldg. ; p. 51,940. 54.33 N., 1.19 W.
Stoke Poges, vil., Bucks, Eng., scene Gray's Elegy. 51.32 N., 0.36 W.
Stoke-on-Trent, mkt. tn., Staffs, Eng. ; pottery ; p. 214,552. 53.01 N., 2.10 W.
Stolberg, tn., Rhen. Prussia ; mnfs. brass ; p. 14,520. 50.45 N., 6.16 E.
Stolp, tn., Pomerania, Prussia ; iron ; p. 27,640. 54.29 N., 17.01 E.
Stonehaven, spt., co. tn., Kincardine, Scot. ; p. 4,589. 56.58 N., 2.13 W.
Stonehenge, standing stones, Wilts, England. 51.11 N., 1.49 W.
Stony Stratford, mkt. tn., Bucks, Eng. ; p. 2,375. 52.03 N., 0.51 W.
Stornoway, spt., tn., Lewis, Hebrides, Scot. ; p. 3,896. 58.11 N., 6.22 W.
Stour, riv., E. Eng. ; enters sea at Harwich ; 47 m. 51.57 N., 1.12 E.
Stour, riv., Kent, Eng., flows to Pegwell B. ; 40 m. 51.19 N., 1.18 E.
Stour, riv., S.W. Eng., trib. of R. Avon ; 55 m. 50.47 N., 2.02 W.
Stourbridge, mkt. tn., Worcs, Eng. ; glass ; p. 16,620. 52.28 N., 2.09 W.
Stourport, mkt. tn., Worcs, Eng. ; tanning ; p. 4,562. 52.21 N., 2.25 W.
Stowmarket, mkt. tn., Suffolk, Eng. ; ironwks. ; p. 4,178. 52.12 N., 1.00 E.
Strabane, mkt. tn., Tyrone, Ire. ; flax ; p. 5,035. 54.49 N., 7.27 W.
Straits Settlements, Br. col., Malay Pen. ; p. 575,000. 1.17 N., 103.51 E.
Stralsund, spt., Pomerania, Prussia ; p. 31,225. 54.20 N., 13.05 E.
Strangford, spt., lough, Down, Ire. ; p. 400. 54.22 N., 5.33 W.
Stranraer, spt., Wigtown, Scot. ; castle ; p. 6,040. 54.54 N., 5.02 W.
Strassburg, fort. cy., cap. Alsace-Lorr., Ger. ; p. 167,678. 48.35 N., 7.46 E.
Stratford, tn., Essex, Eng. ; rly. works ; p. 45,000. 51.33 N., 0.00.
Stratford, port of entry, Ontario ; rly. shops ; p 14779. 43.21 N., 81.07 W.
Stratford-on-Avon, tn., Warwick, Eng. ; agric. ; p. 8,385. 52.12 N., 1.43 W.
Strathaven, tn., Lanark, Scot. ; brewing ; p. 4,150. 55.41 N., 4.03 W.
Strathmore, exten. plain, Scot. ; 100 m. by 8 m. 56.35 N., 3.05 W.
Strathpeffer, fash. w. pl., Ross and Crom., Scot. ; p. 365. 57.42 N., 4.36 W.
Straubing, anc. tn., Lr. Bavaria, on Danube ; p. 17,560. 48.53 N., 12.34 E.
Stretford, tn., Lancs, Eng., near Manchester ; p. 30,750. 53.27 N., 2.19 W.
Stromboli, volc. isl., Lipari Is., Italy ; p. 2,000. 38.47 N., 15.13 E.
Stromness, spt., Pomona, Orkney Is. ; p. 2,470. 58.57 N., 3.17 W.
Stroud, mkt. tn., Gloucs, Eng. ; woollens ; p. 9,350. 51.15 N., 2.13 W.

Stryi, tn., Galicia, Austria ; saw mills ; p. 24,500. 49.17 N., 23.50 E.
Stuhlweissenburg, roy. free tn., Hungary ; 32,250. 47.10 N., 18.24 E.
Stuttgart, cap. Wurtemberg, Ger. ; books ; p. 249,286. 48.46 N., 9.10 E.
Styria, duchy, Austria ; a. 8,629 sq. m., p. 1,358,000. 47.20 N., 15.00 E.
Suakin, spt., Egypt. Sudan, on Red Sea ; p. 20,000. 19.06 N., 37.23 E.
Subiaco, cy., Rome, Italy ; monasteries ; p. 8,450. 41.56 N., 13.06 E.
Sudan, vast region of North Cent. Asia. 11.30 N., 15.00 E.
Sudbury, mkt. tn., Suffolk, Eng. ; silk ; p. 7,500. 52.02 N., 0.43 E.
Sudetes, mt. system, S.E. Germany. 50.05 N., 17.10 E.
Suez, spt. tn., Egypt, at S. end of Canal ; p. 18,000. 29.57 N., 32.32 E.
Suez Canal, connects G. of Suez and Mediterranean. 30.30 N., 32.27 E.
Suffolk, co., Eng. ; a. 1,489 sq. m., p. 385,500. 52.12 N., 1.00 E.
Suir, riv., Ire., trib. of R. Barrow ; 85 m. 52.21 N., 7.30 W.
Sukhum Kale, fort. spt., Russia, on Black S. ; p. 7,950. 43.01 N., 41.01 E.
Sukkur, tn., Bombay, on R. Indus ; p. 31,350. 27.40 N., 68.52 E.
Sulaiman Mts., rocky range, betw. Afghan. and India. 30.40 N., 69.40 E.
Sulina, spt., Roumania, on S. riv. ; p. 5,750. 45.12 N., 29.36 E.
Sulmona, cy., Aquila, Italy ; cath. ; p. 18,000. 42.03 N., 13.55 E.
Sultanabad, tn., Irak-Ajemi, Persia ; p. 18,000. 34.06 N., 49.46 E.
Sulu Is., group, Eastern Arch. ; a. 948 sq. m., p. 25,000. 6.00 N., 121.30 E.
Sumatra, isl., D. E. Indies ; a. 163,000 sq. m., p. 4 mil. 0.00., 102.00 E.
Sumbawa, isl., Sunda Is., Dutch E. Indies ; p. 150,000. 8.30 S., 117.30 E.
Sunda Is., chain, Dutch E. Indies, E. of Java. 4.00 S., 107.00 E.
Sundarbans, reg., lower part of Ganges delta, Bengal. 22.00 N., 89.00 E.
Sunderland, spt. tn., Durham, Eng. ; shipbldg. ; p. 159,378. 54.54 N., 1.23 W.
Sundsvall, spt., Sweden, on G. of Bothnia ; p. 16,278. 62.20 N., 17.11 E.
Sungari, chf. riv., Manchuria ; 800 m. long. 44.50 N., 125.20 E.
Sungei Ujong, Br. protec. st., Straits Sett. ; p. 97,000. 2.43 N., 101.24 E.
Superior, co. cap., Wisconsin, U.S. ; sawmills ; p. 37,643. 46.43 N., 91.59 W.
Superior, U.S., lgst. freshwater lake in world ; a. 31,750 sq. m. 47.40 N., 88.00 W.
Surabaya, spt. tn., N. coast Java ; arsenal ; p. 150,200. 7.20 S., 112.40 E.
Surakarta, tn., Cent. Java, on riv. Solo ; p. 109,600. 7.28 S., 110.51 E.
Surat, tn., Bombay, on R. Tapti ; p. 118,550. 21.10 N., 72.32 E.
Surinam, riv., Dutch Guiana ; 400 m. long. 4.45 N., 54.50 W.
Surrey, co., Eng. ; a. 758 sq. m., p. 676,500. 51.15 N., 0.15 W.
Sus, riv. and dist. of Morocco, N. Africa. 30.25 N., 9.00 W.
Susa, spt. tn., Tunis ; open anchorage ; p. 8,000. 35.50 N., 10.34 E.
Susquehanna, chf. riv., Penn. ; 475 m. long. 39.50 N., 76.26 W.
Sussex, co., Eng. ; a. 1,459 sq. m., p. 606,500. 51.00 N., 0.00.
Sutherland, co., Scot. ; a. 2,126 sq. m., p. 21,440. 58.15 N., 4.30 W.
Sutlej, riv., Punjab, trib. of Indus ; 900 m. 31.00 N., 76.10 E.
Sutton Coldfield, mkt. tn., Warwick, Eng. ; p. 12,350. 52.35 N., 1.50 W.
Sutton-in-Ashfield, mkt. tn., Notts, Eng. ; p. 14,925. 53.06 N., 1.12 W.
Suwalki, cap. S. gov., Poland ; p. 22,660. 54.07 N., 22.55 E.
Suwanee, riv., U.S., enters G. of Mexico. 29.16 N., 83.08 W.
Suzdal, tn., Vladimir, Russia ; p. 8,000. 56.27 N., 40.35 E.
Svendborg, tn., Fünen, Den. ; boatbldg. ; p. 11,750. 55.03 N., 10.36 E.
Swabia, gov., Bavaria ; a. 3,792 sq. m., p. 714,500. 48.12 N., 10.00 E.
Swale, riv., N.R. Yorks, Eng., sub. trib. of Ouse R. 54.09 N., 1.22 W.
Swan, riv., W. Aus., flows to Indian Ocean. 32.00 S., 115.45 E.
Swanage, w. pl., Dorset, Eng. ; p. 3,425. 50.37 N., 1.58 W.
Swansea, spt. tn., Glam., Wales ; tinplates ; p. 98,308. 51.37 N., 3.57 W.
Swatow, spt., Kwangtung, China ; sugar ; p. 67,000. 23.23 N., 116.42 E.
Swaziland, nat. state, S.E. Africa ; p. 86,000. 26.30 S., 31.30 E.
Sweden, kgdm., N.W. Eur. ; a. 172,876 sq. m., p. 5½ mil. 60.00 N., 16.00 E.
Swellendam, tn., C. of G. Hope ; p. 2,500. 33.56 S., 20.23 E.
Swilly, Lough, inlet, N. coast Donegal, Ireland. 55.17 N., 7.35 W.
Swindon, mkt. tn., Wilts, Eng. ; rly. shops ; p. 45,350. 51.33 N., 1.46 W.
Swinemünde, fort. spt., Usedom I., Prussia ; p. 10,450. 53.56 N., 14.14 E.
Swinton, tn., Lancs, Eng. ; cotton ; p. 27,355. 53.31 N., 2.23 W.

Swinton, tn., W.R. Yorks, Eng. ; bottles ; p. 12,310. 53.29 N., 1.19 W.
Switzerland, repub., Eur. ; a. 15,981 sq. m., p. 3,559,350. 46.30 N., 7.00 E.
Sydney, cap. New S. Wales ; nav. sta. ; p. 605,900. 33.54 S., 151.14 E.
Sydney, tn., Cape Breton I. ; coalfield ; p. 3,200. 46.06 N., 60.11 W.
Sylhet, cap. S. dist., E. Bengal and Assam ; p. 15,250. 24.55 N., 91.54 E.
Syr Daria, riv., Russian Turkestan ; 1,500 m. 45.30 N., 69.00 E.
Syra, most imp. isl., tn., Cyclades ; isl. p. 30,000. 37.26 N., 24.55 E.
Syracuse, cy., Sicily, on E. coast ; cath. ; p. 32,250. 37.03 N., 15.15 E.
Syracuse, imp. cy., pt. of ent., N. York, U.S. ; p. 118,880. 43.02 N., 76.17 W.
Syria, country, W. Asia ; a. 114,535 sq. m., p. 3,675,100. 33.00 N., 37.00 E.
Szarvas, tn., Hungary ; cattle trade ; p. 25,900. 46.52 N., 20.34 E.
Szathmar-Nemethy, cy., Hungary ; cath. ; p. 26,990 47.49 N., 22.51 E.
Szechwan, prov., China ; a. 185,000 sq. m., p. 68¾ mil. 30.00 N., 105.00 E.
Szegedin, roy. free tn., Hungary ; soap ; p. 100,570. 46.16 N., 20.10 E.
Szentes, tn., Hungary, near the Theiss ; p. 31,530. 46.40 N., 20.16 E.
Szolnok, tn., Hungary ; tobacco trade ; p. 25,560. 47.10 N., 20.12 E.

Tabasco, state, Mexico ; a. 10,070 sq. m., p. 162,000. 17.45 N., 92.30 W.
Table Mt., flat top mt., C. of G. Hope ; 3,556 ft. 34.00 S., 18.24 E.
Tabriz, cap. Azerbijan, Persia ; leather ; p. 200,000. 38.04 N., 46.15 E.
Tacna, cap. T. prov., Chile, S. America ; p. 11,750. 17.59 S., 70.16 W.
Tacoma, cy., spt., Wash., U.S., exp. wheat ; p. 107,000. 47.12 N., 122.19 W.
Tadcaster, tn., W.R. Yorks, Eng. ; battle 1461 ; p. 3,078. 53.53 N., 1.16 W.
Taff, riv., S. Wales, enters Bristol Chan. ; 40 m. 51.28 N., 3.11 W.
Tafilet, oasis, dist., Morocco ; exports dates. 30.45 N., 3.20 W.
Taganrog, spt., Russia, on S. of Azof ; p. 59,000. 47.13 N., 38.56 E.
Tagus, chf. riv., Spain and Portugal ; 565 m. 38.40 N., 9.18 W.
Tahiti, volc. isl., Society Is., Pacific ; p. 10,500. 17.45 S., 149.30 W.
Taimyr, pen., N. Asia, N. projection of Siberia. 75.00 N., 100.00 E.
Tain, tn., spt., Ross and Cromarty, Scot. ; p. 1,700. 57.48 N., 4.03 W.
Tainan, spt., Formosa I., Japan ; p. 53,794. 22.58 N., 120.15 E.
Tajurra, tn., bay, Obok, Fr. E. Africa ; p. 2,000. 11.47 N., 42.52 E.
Takamatsu, spt., N. coast Shikoku, Japan ; p. 42,578. 35.25 N., 134.04 E.
Takaoka, mnfg. tn., Honshiu, Japan ; p. 33,603. 36.48 N., 137.00 E.
Takasaki, tn., Honshiu, Japan ; cotton ; p. 39,961. 36.15 N., 139.10 E.
Talavera, tn., Toledo, Spain ; battle 1809 ; p. 10,750. 39.55 N., 4.50 W.
Talca, cap. T. prov., Chile ; large trade ; p. 38,040. 35.5 S., 71.45 W.
Talifu, cap. W. Yunnan, China ; p. 25,000. 25.42 N., 100.19 E.
Tamar, riv., betw. Devon and Cornwall, Eng. ; 59 m. 50.33 N., 4.16 W.
Tamatave, chf. spt. Madagascar, on E. coast ; p. 7,250. 18.03 S., 49.11 E.
Tamaulipas, state, Mexico ; a. 29,336 sq. m., p. 219,500. 22.00 N., 98.30 W.
Tambof, cap. T. gov., Russia ; bishop's see ; p. 49,300. 52.41 N., 41.30 E.
Tammerfors, tn., Finland ; paper, ironwks. ; p. 43,696. 63.0 N., 22.0 E.
Tampa, co. cap., port of entry, Florida, U.S. ; p. 24,220. 27.55 N., 82.15 W.
Tampico, spt., Mexico ; exp. ore, hides ; p. 16,500. 22.23 N., 97.50 W.
Tamsui, spt., Formosa, on Tamsui river. 25.15 N., 121.25 E.
Tamworth, mkt. tn., Staffs, Eng. ; mnfs. tape ; p. 7,450. 52.39 N., 1.42 W.
Tamworth, mining tn., New S. Wales ; p. 6,100. 31.10 S., 151.01 E.
Tana, riv., Br. E. Africa, enters Indian O. ; 450 m. 2.00 S., 40.00 E.
Tanganyika, lake, E. Africa ; a. 14,000 sq. m. 6.00 S., 30.00 E.
Tangier, spt. tn., Morocco ; shipping trade ; p. 35,000. 34.45 N., 5.47 W.
Tanjore, tn., Madras, Br. India ; mnfs. ; p. 58,000. 10.45 N., 79.07 E.
Tanta, tn., Egypt ; religious fair ; p. 54,437. 30.48 N., 31.10 E.
Taormina, cst. tn., E. Sicily ; theatre rns. ; p. 4,400. 37.50 N., 15.17 E.
Tapajos, riv., Brazil, trib. of Amazon ; 1,000 m. 4.00 S., 56.12 W.
Tapti, riv., Bombay, enters G. of Cambay ; 440 m. 21.06 N., 72.42 E.
Taranto, spt., fort. cy., Otranto, Italy ; p. 60,560. 40.28 N., 17.15 E.
Tarapaca, dep., Chile ; a. 19,300 sq. m., p. 110,195. 20.05 S., 69.55 W.
Tarascon, tn., Bouches-du-Rhone, France ; p. 8,890. 43.49 N., 4.39 E.

Tarbert, spt. vil., Argyll, Scot. ; p. 1,720. 55.48 N., 5.24 W.
Tarbes, cap. Hautes-Pyr., France ; cath. ; p. 26,250. 43.14 N., 0.06 E.
Tarifa, spt., Cadiz, Spain ; fisheries ; p. 11,820. 36.01 N., 5.37 W.
Tarn, dep., France ; a. 2,217 sq. m., p. 330,533. 43.50 N., 2.10 E.
Tarn-et-Garonne, dep., France ; a. 1,436 sq. m., p. 188,553. 44.00 N., 1.10 E.
Tarnopol, tn., Galicia, Austria ; p. 32,500. 49.34 N., 25.37 E.
Tarnow, cy., Galicia, Austria ; cath ; p. 31,752. 50.03 N., 21.01 E.
Tarragona, spt., cap. T. prov., Spain ; cath. ; p. 26,743. 41.08 N., 1.12 E
Tarrasa, tn., Barcelona, Spain ; cloths ; p. 15,954. 41.35 N., 1.59 E.
Tashkent, cap. Russ. Turkestan ; silk ; p. 155,750. 41.12 N., 68.40 E.
Tasman Sea, betw. Aus. and New Zealand. 40.00 S., 160.00 E.
Tasmania, isl. state, Aus. ; a. 26,215 sq. m., p. 185,824. 42.00 S., 146.50 E.
Tatar-Bazarjik, tn., Bulgaria ; p. 15,725. 42.06 N., 24.26 E.
Taunton, co. tn., Somerset, Eng. ; woollen mnfs. ; p. 21,000. 51.02 N., 3.07 W.
Taunton, co. cap., Mass., U.S. ; foundries ; p. 30,967. 41.52 N., 71.10 W.
Taunus, mts., W. Cent. Ger., highest peak 3,096 ft. 50.12 N., 8.20 E.
Taupo, lake, North I., N. Zealand ; 30 m. long. 38.45 S., 176.00 E.
Taurida, gov., S. Russia ; a. 24,540 sq. m., p. 1,789,500. 46.00 N., 34.00 E.
Taurus, mts., Asia Minor ; highest peak 11,500 ft. 37.00 N., 33.00 E.
Tavira, spt., Portugal ; sulphur baths ; p. 12,350. 37.07 N., 7.32 W.
Tavistock, mkt. tn., Devon, Eng. ; tin ; p. 4,900. 50.33 N., 4.08 W.
Tavoy, dist. cap., Tenasserim, Burma ; p. 22,525. 14.05 N., 98.08 E.
Tay, riv., loch, Perth, Scot. ; length 120 m. 56.28 N., 3.22 W.
Tayport, w. pl., Fife, Scot., on F. of Tay ; p. 3,400. 56.27 N., 2.52 W.
Teddington, tn., Mddlx., Eng., on R. Thames ; p. 14,250. 51.25 N., 0.18 W.
Tees, riv., N.E. Eng., enters North Sea ; 70 m. long. 54.37 N., 1.12 W.
Tegucigalpa, cap. Honduras, on R. Grande ; p. 34,692. 14.08 N., 87.17 W.
Teheran, cap. Persia ; roy. citadel ; carpets ; p. 280,000. 35.44 N., 51.25 E.
Tehuantepec, tn., Oajaca, Mexico ; p. 10,500. 15.30 N., 95.11 W.
Teifi, riv., S. Wales, enters Cardigan B. ; 50 m. 52.07 N., 4.42 W.
Teignmouth, spt., w. pl., Devon, Eng. ; p. 8,676. 50.33 N., 3.29 W.
Tel-el-Kebir, locality, Egypt ; battle 1882. 30.30 N., 31.36 E.
Tellicherry, spt., Malabar Dist., Madras ; p. 28,000. 11.46 N., 75.32 E.
Teme, riv., S. Wales and Worcs, trib. of Severn ; 60 m. 52.23 N., 3.11 W.
Temesvar, roy. free cy., Hungary ; cath. ; mnfs. ; p. 50,820. 45.47 N., 21.14 E.
Tenasserim, div., Burma ; a. 46,590 sq. m., p. 1,140,000. 13.30 N., 98.30 E.
Tenbury, mkt. tn., Worcs, Eng. ; hops ; p. 2,129. 52.18 N., 2.36 W.
Tenby, spt., w. pl., Pembroke, Wales ; p. 4,500. 51.41 N., 4.42 W.
Tenedos, rocky isl. of Turkey, in Ægean S. ; p. 4,100. 39.48 N., 26.02 E.
Tenerife, lgst. isl., Canary Is. ; wines ; p. 138,500. 28.25 N., 16.40 W.
Tenerife, Peak of, volc. mt. on Tenerife I. ; 12,190 ft. 28.18 N., 16.38 W.
Tengri Nor, large lake, Tibet ; length 50 m. 32.50 N., 90.30 E.
Tennessee, state, U.S. ; a. 42,050 sq. m., p. 2,172,426. 35.40 N., 87.00 W.
Tennessee, riv., U.S., trib. of Ohio R. ; 800 m. 36.50 N., 88.13 W.
Tenos (Tino), isl., tn., Cyclades, Greece ; isl. p. 12,600. 37.35 N., 25.14 E.
Tepic, tn., health res., Mexico ; cotton stuffs ; p. 15,720. 21.22 N., 104.52 W.
Teplitz, tn., w. pl., Bohemia, Austria ; p. 24,625. 50.39 N., 13.43 E.
Teramo, cap. T. prov., Italy ; cath. ; pottery ; p. 24,362. 42.40 N., 13.43 E.
Terceira, isl., Azores ; a. 220 sq. m., p. 45,500. 36.42 N., 27.00 W.
Termini, spt., N. cst. Sicily ; min. springs ; p. 20,785. 37.58 N., 13.41 E.
Ternate, Dutch isl., Moluccas ; a. 25 sq. m. 0.48 N., 127.30 E.
Terni, cy., Perugia, Italy ; cath. ; p. 9,520. 42.34 N., 12.40 E.
Terranova, spt., S. cst. Sicily ; sardines ; p. 22,720. 37.03 N., 14.16 E.
Terre Haute, co. cap., Indiana, U.S. ; coal ; p. 52,805. 39.24 N., 87.27 W.
Terschelling, isl., N. of Holland ; a. 45 sq. m., p. 4,100. 53.23 N., 5.20 E.
Tetuan, spt., Morocco, strongly fortified ; p. 25,000. 35.32 N., 5.22 W.
Teviot, riv., Roxburgh, Scot. ; trout ; 37 m. long. 55.32 N., 2.32 W.
Tewkesbury, old mkt. tn., Gloucs, Eng. ; abbey ; p. 5,500. 51.59 N., 2.09 W.
Texas, state, U.S. ; a. 265,780 sq. m., p. 3,536,618. 31.40 N., 99.00 W.
Texcuco, cy., lake, Mexico ; glass works ; p. 6,000. 19.32 N., 98.55 W.

Texel, isl., N. Holland ; a. 55 sq. m., p. 6,500. 53.05 N., 4.47 E.
Thame, mkt. tn., riv., Oxford, Eng. ; agric. ; p. 2,946. 51.45 N., 0.59 W.
Thames, most imp. riv., Eng., flows to North S. ; 310 m. 51.24 N., 0.30 W.
Thames, tn., North I., N.Z. ; gold mining ; p. 5,500. 57.06 S., 175.30 E.
Thanet, Isle of, N.E. part of Kent, Eng. ; p. 71,820. 51.23 N., 1.23 E.
Thasos, most N. isl., Ægean Sea ; a. 167 sq. m., p. 13,500. 40.42 N., 24.38 E.
Thayetmyo, tn., Lr. Burma, on Irrawaddy ; p. 17,750. 19.18 N., 95.12 E.
Thebes, fam. anc. cy., Egypt, on Nile ; splendid ruins. 25.38 N., 32.38 E.
Thebes, ancient city, Bœotia, Greece ; p. 3,000. 38.19 N., 23.19 E.
Theiss, chf. riv. Hungary, trib. of Danube ; 750 m. 45.15 N., 20.18 E.
Thermopylæ, pass between N. and S. Greece. 38.48 N., 22.32 E.
Thessaly, div., Greece, hemmed in by mountains. 39.30 N., 22.18 E.
Thetford, mkt. tn., Norfolk, Eng. ; brewing ; p. 4,640. 52.25 N., 0.45 E.
Thiers, tn., Puy-de-Dôme, France ; cutlery ; p. 17,785. 45.51 N., 3.33 E.
Thirlmere, lake, Cumb, Eng. ; 3½ m. long. 54.32 N., 3.04 W.
Thirsk, tn., N.R. Yorks, Eng. ; farm tools ; p. 3,135. 54.14 N., 1.20 W.
Thorn, fort. tn., W. Prussia ; machinery ; p. 30,000. 53.03 N., 18.36 E.
Thornaby-on-Tees, tn., N.R. Yorks, Eng. ; p. 16,250. 54.34 N., 1.20 W.
Thourout, tn., W. Flanders, Belgium ; woollens ; p. 10,320. 51.03 N., 3.04 E.
Three Rivers, co. cap., Quebec ; lumber, boots ; p. 10,000. 46.21 N., 72.29 W.
Thun, anc. tn., lake, Berne, Switz. ; bricks ; p. 6,120. 46.46 N., 7.38 E.
Thurgau, canton, Switz. ; a. 381 sq. m., p. 118,820. 47.33 N., 9.05 E.
Thuringian Forest, wooded mt. range, Cent. Germany. 50.30 N., 11.00 E.
Thurles, mkt. tn., Tipperary, Ire. ; R.C. cath. ; p. 4,411. 52.41 N., 7.48 W.
Thursday I., isl., Torres Str., Queensland. 10.30 S., 142.12 E.
Thurso, spt., Caithness, Scot. ; exp. grain ; p. 5,430. 58.36 N., 3.31 W.
Tian-shan (Celestial Mts.), mt. system, Cent. Asia. 42.30 N., 80.00 E.
Tiber, chf. riv., Cent. Italy, with Rome on bks. ; 260 m. 41.44 N., 12.14 E.
Tibesti (Tu), mtns. country, E. Sahara, Africa. 21.35 N., 17.40 E.
Tibet, country, Cent. Asia ; a. 700,000 sq. m., p. 6½ mil. 32.30 N., 90.00 E.
Ticino, riv., Switz. and N. Italy ; 150 m. long. 45.14 N., 9.00 E.
Ticino, canton, Switz. ; a. 1,082 sq. m., p. 146,155. 46.20 N., 8.45 E.
Tientsin, cy., spt., Chihli, China ; cotton ; p. 800,000. 39.08 N., 117.16 E.
Tierra-del-Fuego, grp. of isls., in extr. S. America. 54.00 S., 68.30 W.
Tiflis, cap. T. gov., Russia ; observatory ; p. 159,600. 41.42 N., 44.48 E.
Tigré, large natural div., N. Abyssinia. 14.00 N., 39.00 E.
Tigris, large riv., As. Turkey ; 1,150 m. long. 31.30 N., 47.13 E.
Tilburg, tn., N. Brabant, Holland ; calico ; p. 49,320. 51.33 N., 5.04 E.
Tilbury Fort, Essex, Eng., on Thames R. ; docks. 51.29 N., 0.24 E.
Tillicoultry, tn., Clackmannan, Scot. ; shawls ; p. 3,360. 56.10 N., 3.44 W.
Tilsit, tn., E. Prussia, on R. Memel ; p. 34,755. 55.04 N., 21.53 E.
Timaru, spt., South I., N.Z. ; agric. impl. ; p. 6,500. 44.24 S., 171.19 E.
Timbuktu, fam. cy., Fr. Sudan ; salt trade ; p. 20,000. 17.48 N., 3.09 W.
Timor, isl., Malay Arch. ; a. 12,264 sq. m., p. 500,000. 9.00 S., 125.00 E.
Timor-laut, Dutch isls., Malay Arch. ; p. 25,000. 7.30 S., 131.30 E.
Tinnevelly, tn., Madras ; temple, college ; p. 40,655. 8.45 N., 77.43 E.
Tintagel Head, cliff, Cornwall, Eng. ; castle ruins. 50.41 N., 4.45 W.
Tintern Abbey, Monmouth, Eng. ; splendid ruin. 51.42 N., 2.41 W.
Tipperary, co., Ire. ; a. 1,659 sq. m., p. 160,232. 52.40 N., 7.55 W.
Tipperary, co. tn. of above ; butter market ; p. 6,285. 52.28 N., 8.09 W.
Tipton, tn., Staffs, Eng. ; iron mnfs. ; p. 30,825. 52.33 N., 2.06 W.
Tiree, isl., Argyll, Scot. ; a. 34 sq. m., p. 2,200. 56.30 N., 6.56 W.
Tirlemont, tn., Brabant, Belgium ; mnfs. ; p. 17,955. 50.48 N., 4.56 E.
Tirnova, tn., Bulgaria ; important market ; p. 13,000. 43.07 N., 25.28 E.
Titicaca, lake, Peru and Bolivia ; a. 3,200 sq. m. 15.30 S., 69.30 W.
Tiumen, tn., W. Siberia ; mnfs. leather ; p. 29,750. 57.08 N., 60.00 W.
Tiverton, mkt. tn., Devon, Eng. ; lace ; p. 10,400. 50.54 N., 3.29 W.
Tivoli, tn., Rome, Italy ; anc. remains ; p. 13,465. 41.58 N., 12.48 E.
Tlaxcala, state, tn., Mexico ; a. 1,506 sq. m., p. 172,315. 19.18 N., 98.02 W.
Tlemcen, tn., Algeria ; leather mnfs. ; p. 39,757. 34.52 N., 1.18 W.

Tobago, Br. isl., W. Indies ; a. 114 sq. m., p. 18,920. 11.16 N., 60.42 W.
Tobermory, spt., vil., w. pl., Mull, Scot. ; p. 1,175. 56.37 N., 6.05 W.
Tobolsk, cy., cap. T. gov., Siberia ; corn trade ; p. 21,410. 58.20 N., 67.28 E.
Tocantins, imp. riv., Brazil ; enters Atlantic as Para R. 5.00 S., 49.30 W.
Todmorden, mkt. tn., W.R. Yorks, Eng. ; p. 25,650. 53.43 N., 2.06 W.
Togo, tn., Togo, on L. Togo ; p. 8,000. 6.00 N., 1.30 E.
Togo, Ger. protec., W. coast Africa ; p. 1,000,000. 6.10 N., 1.30 E.
Tokat, tn., Sivas, Asia Minor ; p. 30,000. 40.17 N., 36.37 E.
Tokay, tn., Hungary ; famous for wine ; p. 5,150. 48.07 N., 21.24 E.
Tokushima, lgst. tn., Shikoku, Japan ; p. 65,561. 34.08 N., 134.28 E.
Tokyo, cap. Japan ; univ. ; imp. industries ; p. 2,186,079. 35.45 N., 139.40 E.
Toledo, cy., cap. T. prov., Spain ; cath. ; p. 23,500. 39.51 N., 4.00 W.
Toledo, co. cap., pt. of ent., Ohio, U.S. ; mnfs. ; p. 159,980. 41.39 N., 83.33 W.
Tolima, volc. of the Andes, Colombia ; 18,311 ft. 4.50 N., 75.35 W.
Tolosa, tn., Guipuzcoa, Spain ; mnfs. ; p. 8,250. 43.08 N., 2.01 W.
Tolúca, cap. of state, Mexico ; cath. ; p. 26,250. 19.11 N., 99.25 W.
Tomsk, cy., cap. T. gov., Siberia ; univ. ; p. 67,425. 56.00 N., 85.00 E.
Tonbridge, mkt. tn., Kent, Eng. ; toys ; p. 12,775. 51.12 N., 0.17 E.
Tongaland, state, S. Africa ; a. 5,300 sq. m., p. 100,000. 26.45 S., 32.42 E.
Tongariro, active volc., North I., N.Z. ; 6,458 ft. 39.06 S., 175.48 E.
Tongking, col., Fr. Indo-China ; a. 46,400 sq. m., p. 10 mil. 21.10 N., 104.30 E.
Tonk, cap. T. state, Rajputana, India ; p. 38,950. 26.08 N., 75.52 E.
Tönsberg, spt., S.W. Norway ; fishing ; p. 8,725. 59.15 N., 10.28 E.
Toowoomba, tn., Queensland ; wine ; p. 14,087. 27.29 S., 152.00 E.
Topeka, cap. Kansas, U.S. ; var. mnfs. ; p. 41,886. 39.05 N., 95.45 W.
Topsham, mkt. tn., Devon, Eng., on R. Exe ; p. 2,835. 50.40 N., 3.28 W.
Tor Bay, beautiful inlet, Devon, England. 50.26 N., 3.31 W.
Torgau, tn., Saxony, Prussia ; battle 1760 ; p. 11,950. 51.36 N., 13.00 E.
Torneå, spt. tn., riv., lake, Finland ; p. 1,485. 68.20 N., 29.20 E.
Toro, fort. tn., Zamora, Spain ; vineyards ; p. 8,425. 41.32 N., 5.26 W
Toronto, second cy., Canada, cap. Ontario ; p. 375,000. 43.40 N., 79.28 W.
Torquay, spt., w. pl., S. Devon, Eng. ; yacht. sta. ; p. 33,875. 50.28 N., 3.31 W.
Torre del Greco, tn., Naples, Italy ; coral ; p. 35,560. 40.47 N., 14.21 E.
Torre dell'Annunziata, spt., Naples, Italy ; p. 28,000. 40.46 N., 14.28 E.
Torrens, brackish lake, S. Australia ; 130 m. long. 31.00 S., 137.50 E.
Torres Strait, chan., betw. New Guinea and Aus. 10.00 S., 143.00 E.
Torres Vedras, tn., Estremadura, Portugal ; p. 5,075. 39.03 N , 9.17 W.
Torrington, mkt. tn., Devon, Eng. ; gloves ; p. 3,276. 50.57 N., 4.08 W.
Tortola, isl., Virgin Is., W. Indies ; a. 24 sq. m., p. 4,200. 18.27 N., 64.40 W.
Tortona, tn., Alessandria, Italy ; cath. ; p. 17,755. 44.53 N., 8.52 E.
Tortosa, fort. tn., Tarragona, Spain ; paper ; p. 24,635. 40.50 N., 0.30 E.
Totnes, mkt. tn., Devon, Eng. ; on R. Dart ; p. 4,200. 50.26 N., 3.41 W.
Toul, tn., Meurthe-et-Moselle, France ; p. 12,530. 48.40 N., 5.53 E.
Toulon, spt., Var, France ; nav. arsenal ; p. 103,549. 43.07 N., 5.56 E.
Toulouse, cy., cap. Haute-Garonne, Fr. ; univ. ; p. 149,438. 43.36 N., 1.27 E.
Touraine, old prov., France ; cap. Tours. 47.12 N., 0.45 E.
Tourcoing, frontier tn., Nord, France ; mnfs. ; p. 81,671. 50.43 N., 3.10 E.
Tournay, tn., Hainaut, Belg. ; hosiery ; p. 37,640. 50.37 N., 3.22 E.
Tours, cy., cap. Indre-et-Loire, France ; cath. ; p. 67,601. 47.23 N., 0.42 E.
Tower Hamlets, parl. bor., E. London ; p. 468,500. 51.31 N., 0.04 W.
Townsend, mt., N.S. Wales, in Australian Alps ; 7,256 ft. 36.30 S., 148.18 E.
Townsville, spt., fort. tn., Queensland., on E. cst. ; p. 15,506. 19.20 S., 146.48 E.
Towy, riv., S. Wales, enters Carmarthen B. ; 64 m. 51.48 N., 4.20 W.
Towyn, mkt. tn., w. pl., Merioneth, Wales ; p. 3,794. 52.35 N., 4.05 W.
Toyama, tn., Honshiu, Japan ; var. mnfs. ; p. 57,437. 36.40 N., 137.12 E.
Trafalgar, cape, Spain ; scene of Nelson's victory, 1805. 36.11 N., 6.03 W.
Tralee, mkt. tn., Kerry, Ire., on T. bay ; p. 9,868. 52.17 N , 9.43 W.
Tramore, mkt. tn., w. pl., Waterford., Ire., on T. bay ; p. 1,733. 52.10 N., 7.09 W.
Trani, spt., Bari, Italy ; cath. ; wine ; p. 32,720. 41.18 N., 16.25 E.
Tranquebar, spt., Madras ; has an old fort ; p. 14,720. 11.01 N., 79.51 E.

Transbaikalia, prov., Siberia ; a. 240,000 sq. m., p. 665,000. 52.20 N., 110.00 E.
Transcaspian Terr., Russ. C. Asia ; a. 214,236 sq. m., p. 415,700. 42.00 N., 56.00 E.
Transcaucasia, terr., Russ. ; a. 95,402 sq. m., p. 6,307,200. 42.00 N., 45.00 E.
Transkei Terr., C. of G. Hope, betw. Gt. Kei R. and Natal. 32.15 S., 28.15 E.
Transvaal, Br. S. Afr. ; a. 108,000 sq. m., p. 1¼ mil. 26.40 S., 28.30 E.
Transylvania, prov., Hungary ; a. 21,519 sq. m., p. 2½ mil. 46.20 N., 24.30 E.
Trapani, spt., cap. T. prov., Italy ; coral mnfs. ; p. 61,650. 38.03 N., 12.32 E.
Trasimeno, lake, Cent. Italy ; 10 m. by 8 m. 43.08 N., 12.05 E.
Traun, riv. and lake, Up. Austria ; riv. 100 m. long. 48.08 N., 14.00 E.
Travancore, state, S.W. India ; a. 6,730 sq. m., p. 3 mil. 9.10 N., 76.50 E.
Travemünde, w. pl., outport of Lübeck, Per. ; p. 2,100. 53.57 N., 10.51 E.
Travnik, tn., former cap., Bosnia ; horses ; p. 6,350. 44.10 N., 17.42 E.
Traz-os-Montes, prov., Port. ; a. 4,291 sq. m., p. 429,000. 41.35 N., 7.00 W.
Trebizond, spt., cap. T. prov., Asia Minor ; p. 35,000. 41.00 N., 39.45 E.
Tredegar, tn., Monmouth, Eng. ; coal, iron ; p. 18,765. 51.46 N., 3.16 W.
Trent, riv., Cent. Eng., trib. of Ouse R. ; 150 m. 53.35 N., 0.44 W.
Trent, tn., S. Tyrol, Austria ; cath. ; silks ; p. 25,000. 46.04 N., 11.07 E.
Trenton, spt., cap. New Jersey, U.S. ; pottery ; p. 86,355. 40.13 N., 74.50 W.
Trèves, cy., Rhen. Prussia ; cath. ; var. mnfs. ; p. 43,850. 49.44 N., 6.38 E.
Treviso, cap. T. prov., Italy ; silk mnfs. ; p. 33,250. 45.40 N., 12.13 E.
Trichinopoly, tn., Madras ; cigars, cutlery ; p. 105,500. 10.47 N., 78.43 E.
Trieste, chf. spt., Austria ; shpbldg., liquor ; p. 221,993. 45.39 N., 13.47 E
Trikhala, tn., T. prov., Greece ; cottons ; p. 17,809. 39.33 N., 21.48 E.
Trim, co. tn., Meath, Ire. ; castle ruins ; p. 1,513. 53.33 N., 6.47 W.
Trincomali, fort. spt., nav. sta., Ceylon ; p. 13,500. 8.34 N., 81.12 E.
Tring, mkt. tn., Herts, Eng. ; straw plait, silk ; p. 4,400. 50.48 N., 0.40 W.
Trinidad, Br. isl., W. Indies ; a. 1,755 sq. m., p. 257,000. 10.30 N., 61.20 W.
Trinidad, small Brazilian isl., S. Atlantic ; volcanic. 20.31 N., 29.50 W.
Trinidad, spt., Cuba, on the S. coast ; p. 29,780. 21.35 N., 80.10 W.
Trinity, riv., Texas, U.S., enters Galveston B. ; 500 m. 30.55 N., 95.20 W.
Tripoli, Turk, prov., tn., N. Afr. ; a. 399,000 sq. m., p. 1 mil. 30.00 N., 20.00 E.
Tripoli, spt., E. coast Syria ; exp. barley ; p. 30,000. 34.24 N., 35.48 E.
Tripolitza, tn., Arcadia, Greece ; p. 10,958. 37.30 N., 22.22 E.
Tristan da Cunha, Br. isl., S. Atlantic ; p. 90. 38.00 S., 13.00 W.
Trivandrum, tn., cap. Travancore, India ; p. 57,995. 8.30 N., 76.56 E.
Troitsk, tn., Orenburg, Russia ; active trade ; p. 23,500. 54.04 N., 61.29 E.
Tromsö, tn., fishing port, Tromsö I., Norway ; p. 7,200. 69.40 N., 19.00 E.
Trondhjem, fort. spt. cy., Norway, on T. fjord ; p. 38,180. 63.25 N., 10.23 E.
Troon, w. pl., spt., Ayr, Scot. ; shipbldg. ; p. 4,810. 55.33 N., 4.40 W.
Troppau, cap. Silesia, Austria ; cloths ; p. 38,825. 49.56 N., 17.55 E.
Trossachs, pict. wooded defile, Perth, Scotland. 56.13 N., 4.25 W.
Trouville, w. pl., Calvados, France ; oysters ; p. 6,210. 49.20 N., 0.07 E.
Trowbridge, mkt. tn., Wilts, Eng. ; woollens ; p. 11,720. 51.19 N., 2.12 W.
Troy, co. cap., N. York, U.S. ; foundries, mnfs. ; p. 76,513. 42.43 N., 73.42 W.
Troyes, cap. Aube, France ; mnfs. woollens ; p. 53,447. 48.18 N., 4.04 E.
Trujillo, tn., Caceres, Spain ; mnfs. linen ; p. 9,425. 39.28 N., 5.54 W.
Trujillo, cy., cap. Libertad, Peru ; anc. remains ; p. 8,000. 8.30 S., 79.00 W.
Truro, cy., Cornwall, Eng. ; fine cath. ; tin ; p. 11,820. 50.16 N., 5.03 W.
Truro, mnfg. tn., Nova Scotia, Canada ; p. 6,000. 45.21 N., 63.18 W.
Tsaritzin, tn., pt., Saratof, Russ., on R. Volga ; p. 55,200. 48.44 N., 44.30 E.
Tsarskoye Selo, tn., St. Ptrsbg., Russ. ; imp. res. ; p. 22,353. 59.45 N., 30.23 E.
Tsinan, cy., cap. Shantung, China ; cath. ; p. 275,000. 36.42 N., 117.15 E.
Tsitsihar, tn., Manchuria ; surr. by wall ; p. 30,000. 47.28 N., 124.06 E.
Tsu, coast tn., Honshiu, Japan ; fine temples ; p. 41,230. 34.44 N., 136.30 E.
Tsurugaoka, tn., Honshiu, Japan ; p. 20,500. 38.43 N., 139.48 E.
Tsu-shima, isl., betw. Japan and Korea ; p. 40,000. 34.40 N., 129.30 E.
Tuam, mkt. tn., Galway, Ire. ; caths. ; p. 2,900. 53.32 N., 8.51 W.
Tuat, group of oases, W. Sahara, S. of Algeria. 27.10 N., 1.00 W.
Tübingen, imp. tn., Würtemberg, Ger. ; univ. ; p. 16,809. 48.31 N., 9.03 E
Tubuai (Austral) Is., grp., Pacific ; a. 110 sq. m. 23.00 S., 152.00 W.

Tucson, co. cap., Arizona, U.S. ; wool trade ; p. 7,555. 32.12 N., 110.51 W.
Tucuman, tn., cap. T. prov., Argentina ; p. 55,000. 26.48 S., 66.2 W.
Tudela, tn., Navarra, Spain ; alfa trade ; p. 9,150. 42.07 N., 1.39 W.
Tugela, riv., Natal ; fierce battles 1899-1901 ; 300 m. 29.00 S., 31.13 E.
Tula, cap. T. gov., Russia ; agric., tobacco ; p. 114,750. 54.11 N., 37.41 E.
Tulare, lake, Cent. California, U.S. ; 33 m. by 22 m. 36.00 N., 119.40 W.
Tulcea, tn., port, Dobruja, Roumania ; p. 20,000. 45.12 N., 28.48 E.
Tuli, st. and fort, Mashonaland, on T. river. 21.54 S., 29.00 E.
Tullamore, co. tn.,King's co., Ire., on T. riv. ; p. 4,639. 53.17 N., 7.29 W.
Tulle, cap. Corrèze, France ; small-arms ; p. 16,000. 45.16 N., 1.46 E.
Tullow, mkt. tn., Carlow, Ireland ; p. 1,725. 52.48 N., 6.46 W.
Tunbridge Wells, mkt. tn., w. pl., Kent, Eng. ; p. 33,750. 51.08 N., 0.16 E.
Tundras, exten. marshy regions, N. Siberia. 63.30 N., 75.00 E.
Tungabhadra, riv., S. India, enters B. of Bengal. 15.20 N., 76.28 E.
Tungting, largest lake of China ; a. 1,930 sq. m. 29.15 N., 112.25 E.
Tunguska, Middle, riv., Siberia, trib. Yenisei ; 820 m. 63.00 N., 95.00 E.
Tunguska, Lower, riv., Siberia, trib. Yenisei ; 1,680 m. 64.30 N., 100.00 E.
Tunis, Fr. protec., N. Africa ; a. 44,930 sq. m., p. 2 mil. 35.00 N., 9.00 E.
Tunis, cap. of above ; unhealthy ; cath. ; p. 227,520. 36.46 N., 10.09 E.
Tunstall, mkt. tn., Staffs, Eng. ; pottery ; p. 19,645. 53.03 N., 2.13 W.
Turfan, tn., E. Turkestan ; rice ; p. 30,000. 43.00 N., 89.37 E.
Turgai, prv. tn., Rus. C. Asia ; a. 176,200 sq. m., p. 454,000. 48.20 N., 62.00 E.
Turin, cy., cap. T. prov., Italy ; com. cent., univ. ; p. 356,000. 45.03 N., 7.41 E.
Turkestan, immense region, Central Asia. 43.48 N., 68.12 E.
Turkey, empire ; total a. 1,622,080 sq. m., p. 24,813,600.
Turkey-in-Asia, ctry. ; a. 693,615 sq. m., p. 17,683,500. 38.00 N., 28.00 E.
Turkey-in-Europe, country ; a. 65,350 sq. m., p. 6,130,200. 42.00 N., 23.00 E.
Turk's Is., Bahamas, W. Indies ; p. with Caicos 5,287. 21.27 N., 71.00 W.
Turnau, tn., Bohemia, Austria ; battle 1866 ; p. 6,305. 50.35 N., 15.08 E.
Turnhout, tn., Antwerp Belgium ; cloth ; p. 21,275. 51.19 N., 4.57 E.
Tuscaloosa, cy., frmr. cap. Alab., U.S. ; univ. ; p. 5,135. 33.07 N., 87.39 W.
Tuscany, div., Italy ; a. 9,291 sq. m., p. 2,701,631. 43.20 N., 11.20 E.
Tuticorin, spt., S.E. Madras, on G. of Manar ; p. 28,320. 8.48 N., 78.12 E.
Tuttlingen, tn., Würtemberg, Ger. ; cutlery ; p. 14,627. 47.59 N., 8.49 E.
Tutuila, isl., Samoa Is. ; a. 54 sq. m., p. 4,200. 12.12 S., 170.45 W.
Tuz Gol, large lake, Asia Minor ; a. 695 sq. m. 38.40 N., 33.10 E.
Tver, cy., cap. T. gov., Rus. ; cttns., hosry. ; p. 53,625. 56.50 N., 35.59 E.
Tweed, riv., Scot. and Eng., enters German O. ; 97 m. 55.47 N., 2.0 W.
Twickenham, tn., Mddlx., Eng., on Thames ; p. 21,500. 51.27 N., 0.18 W.
Tyldesley, tn., Lancs, Eng., cotton mills ; p. 14,970. 53.31 N., 2.29 W.
Tyne, riv., N. Eng., flows to North Sea ; 80 m. 55.01 N., 1.26 W.
Tynemouth, w. pl., Northumb, Eng. ; shpbldg. ; p. 51,930. 55.01 N., 1.26 W.
Tyre, anc. cy., Phœnicia, Syria, now small village. 33.17 N., 35.17 E.
Tyrnau, tn., Hungary, with magistracy ; p. 13,850. 48.22 N., 17.36 E.
Tyrol, Alpine prov., Austria ; a. 10,302 sq. m., p. 929,000. 46.50 N., 7.20 E.
Tyrone, co., Ire. ; a. 1,260 sq. m., p. 150,567. 54.45 N., 7.15 W.
Tyrrhenian Sea, part of Mediterranean Sea. 40.00 N., 12.00 E.
Tzana, fresh-water lake, Abyssinia ; 60 m. bv 35 m. 12.00 N., 37.20 E.

Ubeda, tn., Jaen, Spain ; fruit, wine ; p. 19,850. 37.01 N., 3.27 W.
Ucayali, riv., Peru, trib. of Marañon ; 1,200 m. 7.30 S., 75.00 W.
Udaipur, cap. U. nat. state, Rajputana ; p. 45,895. 24.37 N., 73.43 E.
Uddingston, tn., Lanark, Scot. ; ploughs ; p. 7,610. 55.35 N., 4.5 W.
Udine, tn., cap. U. prov., Italy ; silk ; p. 37,100. 46.04 N., 12.50 E.
Ufa, cap. U. gov., Russia ; large trade ; p. 49,280. 54.46 N., 56.08 E.
Uganda, Br. protec., E. Af. ; a. 117,681 sq. m., p. 3½ mil. 0.06 N., 32.40 E.
Uglitch, tn., Yaroslavl, Russia ; flour ; p. 9,750. 57.33 N., 38.23 E.
Ugogo, inland prov., Ger. E. Africa. 6.38 S., 34.30 E.
Uintah, mt. range, Utah, U.S., alt. 13,687 ft. 40.50 N., 110.20 W.

Uitenhage, cap. U. dist., C. of G. Hope ; rly. wks. ; p. 12,193. 33.46 S., 25.27 E.
Ujiji, dist., tn., Ger. E. Africa, on L. Tanganyika. 4.55 S., 30.03 E.
Ujjain, walled tn., Cent. India ; sacred city ; p. 35,000. 23.09 N., 75.43 E.
Uleåborg, spt., cap. U. gov., Russ. Finland ; p. 18,398. 64.57 N., 25.42 E.
Uliasutai, tn., Mongolia ; fortress ; p. 4,000. 47.35 N., 96.31 E.
Ullswater, lake, Westmorland, Eng. ; 7½ m. long. 54.34 N., 2.52 W.
Ulm, cy., Würtemberg, Ger. ; fortress ; p. 51,820. 48.24 N., 9.59 E.
Ulster, prov., Ire. ; a. 8,613 sq. m., p. 2,582,826. 54.11 N., 7.15 W.
Ulundi, cap., Zululand, S. Africa ; battle 1879. 26.30 S., 31.34 E.
Ulva, isl., Argyll, Scot. ; a. 7½ sq. m., p. 73. 56.30 N., 6.17 W.
Ulverston, mkt. tn., Lancs, Eng. ; mining ; p. 10,125. 54.12 N., 3.05 W.
Uman, tn., Kief, Russia ; distilleries ; p. 31,016. 48.43 N., 30.20 E.
Umbria, div., Italy ; a. 3,658 sq. m., p. 699,035. 43.06 N., 12.30 E.
Umea, spt., cap. U. prov., Sweden ; p. 4,925. 63.49 N., 20.09 E.
Umvolosi, riv., Zululand, S. Africa, enters St. Lucia B. 28.26 S., 32.26 E
Umzimkulu, riv., S.E. Africa, enters Indian Ocean. 30.56 S., 30.13 E.
Umzimvubu, riv., S.E. Africa, enters Indian Ocean. 31.34 S., 29.26 E.
Ungava, dist., Canada ; a. 355,000 sq. m., p. 5,200. 56.00 N., 70.00 W.
Ungvár, tn., Hungary ; min. spring ; p. 13,620. 48.38 N., 22.20 E.
Union, tn., New Jersey, U.S., opp. New York ; p. 15,300. 39.40 N., 75.08 W.
United Provs. India, a. 107,164 sq., m., p. 48 mil. 27.20 N., 80.00 E.
United States of America, repub., N. Amer. ; p. 76 mil. 39.00 N., 119.00 W.
Unst, isl., N. Shetlands ; a. 47 sq. m., p. 1,895. 60.45 N., 0.53 W.
Unterwalden, canton, Switz. ; a. 295 sq. m., p. 28,501. 46.52 N., 8.17 E.
Unyoro, state, Cent. Africa ; a. 32,000 sq. m., p. 1½ mil. 1.20 N., 31.00 E.
Upernivik, vil., sta., N. Greenland on W. coast. 72.48 N., 55.2 W.
Upholland, tn., Lancs, Eng. ; coal ; p. 4,851. 53.32 N., 2.44 W.
Upolu, Ger. isl., Samoa Is. ; exp. copra ; p. 20,000. 13.50 S., 171.35 W.
Upper Senegal and Niger, Fr. terr., W. Africa ; p. 5,500,000. 12.00 N., 8.00 W.
Uppingham, mkt. tn., Rutland, Eng. ; p. 2,588. 52.36 N., 0.43 W.
Upsala, tn., W. prov., Sweden ; univ., cath. ; p. 25,311. 59.49 N., 17.38 E.
Ural, riv., Russia, enters Caspian S. ; 1,450 m. 49.30 N., 51.30 E.
Ural Mts., range, Russia ; 1,600 m. long ; alt. 5,230 ft. 60.00 N., 60.00 E.
Uraisk, cap. U. gov., Russia ; cattle, sheep ; p. 36,466. 51.16 N., 51.28 E.
Urbana, co. cap., Ohio, U.S. ; woollens ; p. 6,855. 40.05 N., 83.42 W.
Urbino, tn., Pesaro, Italy ; silk mills ; p. 18,750. 43.43 N., 12.38 E.
Ure, riv., N.R. Yorks, Eng., trib of Swale R. ; 50 m. 54.08 N., 1.30 W.
Urfa, cy., Turkey in Asia, the anc. Edessa ; p. 56,000. 37.11 N., 38.51 E.
Urga, relig. cap., Mongolia ; trade cent. ; p. 30,000. 48.00 N., 107.00 E.
Uri, canton, Switz. ; a. 416 sq. m., p. 21,250. 46.45 N., 8.35 E.
Urmia, tn., lake, Azerbijan, Persia ; p. 35,000. 37.42 N., 45.12 E.
Uruguay, repub. S. Amer. ; a. 72,110 sq. m., p. 1,039,078. 32.30 S., 56.00 W.
Uruguay, riv., S. Amer., trib. of Rio de la Plata ; 1,000 m. 31.40 S., 57.00 W.
Urumtsi, cap. Zungaria, Chinese Empire ; p. 25,000. 43.27 N., 88.28 E.
Usagara, mtns. country, Ger. E. Africa. 6.30 S., 36.30 E.
Usedom, Pruss. isl., Baltic coast. ; a. 157 sq. m., p. 35,000. 54.00 N., 13.57 E.
Ushant, isl. off W. cst. France ; a. 20 sq. m., p. 3,500. 48.28 N., 5.03 W.
Usk, riv., Monmouth and S. Wales ; 57 m. long. 51.39 N., 2.54 W.
Uskub, tn., Turkey-in-Asia, nr. Servian fron. ; p. 30,000. 42.01 N., 21.45 E.
Ussuri, riv., Maritime Prov., Siberia ; 450 m. long. 45.00 N., 133.30 E.
Ust-Yurt, plateau, Russ. C. Asia ; a. 92,000 sq. m. 42.45 N., 55.00 E.
Utah, state, U.S. ; a. 84,970 sq. m., p. 346,873. 39.40 N., 112.00 W.
Utica, cy., New York, U.S. ; cheese, boots ; p. 65,099. 43.05 N., 75.16 W.
Utrecht, cap. U. prov., Holland ; cath., univ. ; p. 116,783. 52.25 N., 5.07 E.
Utrecht, dist. cap., Natal, S. Africa ; p. 4,000. 27.56 S., 30.06 E.
Utrera, old tn., Seville, Spain ; grain ; p. 14,500. 37.10 N., 5.49 W.
Uttoxeter, mkt. tn., Staffs, Eng. ; iron mnfs. ; p. 5,200. 52.54 N., 1.52 W.
Uxbridge, mkt. tn., Mddlx., Eng. ; brewing ; p. 8,625. 51.34 N., 0.26 W.

Vaal, riv., S. Africa, trib. of Orange R. ; 500 m. 27.33 S., 26.30 E.

Val de Travers, valley, Switz. ; asphalte mines. 46.57 N., 6.40 S.
Valais, canton, Switz. ; a. 2,036 sq. m., p. 119,530. 46.10 N., 7.40 E.
Valdai Hills, plateau, Cent. Russia ; 900 ft. 57.30 N., 32.50 E.
Valdepenas, tn., Ciudad Real, Spain ; p. 20,875. 38.50 N., 3.27 W.
Valdivia, tn., Chile, near V. bay ; p. 15,229. 39.46 S., 73.12 W.
Valence, cap. Dróme, France ; cath. ; silk ; p. 27,500. 44.56 N., 4.53 E.
Valencia, spt. cy., cap. V. prov., Spain ; univ. ; p. 216,250. 39.30 N., 0.24 W.
Valencia, tn., Venezuela ; battle 1821 ; p. 39,250. 10.09 N., 68.12 W.
Valenciennes, tn., Nord, France ; cambric ; p. 31,350. 50.22 N., 3.30 E.
Valentia, isl., Kerry, Ire. ; cable station ; p. 1,864. 51.54 N., 10.25 W.
Valenza, tn., Alessandria, Italy ; p. 11,250. 45.01 N., 8.38 E.
Valetta, fort, spt., chf. tn., Malta, on N. E. cst. ; p. 61,785. 35.54 N., 14.30 E.
Valladolid, fort. cy., cap. V. prov., Spain ; univ. ; p. 71,850. 41.38 N., 4.47 W.
Vallejo, spt. cy., Cal., U.S. ; shipyards ; p. 8,100. 38.12 N., 122.30 W.
Valleyfield, mfg. tn., Queb. on St. Lwrncc. ; p. 11,065. 45.15 N., 74.05 W.
Vallombrosa, valley, abbey, Florence, Italy. 43.44 N., 11.33 E.
Valls, mnfg. tn., Tarragona, Spain ; textiles ; p. 12,935. 41.16 N., 1.08 E.
Valparaiso, spt. cy., Chile ; earthqu. 1906 ; p. 162,447. 33.06 S., 71.40 W.
Van, walled tn., As. Turkey ; also lake ; p. 30,000. 38.27 N., 43.11 E.
Vancouver, spt., tn., Br. Columbia ; sugar ; p 102,000 49.30 N., 123.06 W.
Vancouver I., Br. Columbia ; a. 12,760 sq. m., p. 40,000. 50.00 N., 126.00 W.
Vannes, spt., cap. Morbihan, France ; p. 23,785. 47.41 N., 2.45 W.
Vanua Levu, isl., Fiji Is. ; a. 2,600 sq. m. 16.40 S., 179.15 E.
Var, dep., France ; a. 2,349 sq. m., p. 324,638. 43.25 N., 6.20 E.
Varanger Fiord, deep inlet, Finmark, Norway. 70.00 N., 30.00 E.
Vardö, fishing tn., Vardo I., Norway ; p. 2,650. 70.25 N., 31.12 E.
Varennes, tn., Meuse, Fr. ; Louis XVI cap. here, 1791. 49.13 N., 5.01 E.
Varese, tn., N. Italy, on Lake V. ; mnfs. silk ; p. 17,820. 45.49 N., 8.50 E.
Varna, spt., Bulgaria, on Black Sea ; p. 37.417. 43.13 N., 27.54 E.
Vasa, (Nikolaistad), cap. V. gov., Finland ; p. 19,532. 63.06 N., 21.30 E.
Vassilkof, tn., Kief, Russia ; tobacco ; p. 17,975. 50.13 N., 30.22 E.
Vatna Jokül, elevated snowfield, Iceland ; a. 3,280 sq. m. 64.20 N., 17.00 W.
Vaucluse, dep., vil., France ; a. 1,370 sq. m., p. 239,178. 44.00 N., 5.10 E.
Vaud, canton, Switz. ; a. 1,244 sq. m., p. 307,218. 46.40 N., 6.30 E.
Veglia, isl., Austria, in Adriatic ; a. 165 sq. m., p. 21,500. 45.05 N., 14.35 E.
Veile, spt., Denmark, on E. coast of Jutland ; p. 14,850. 55.42 N., 9.31 E.
Velbert, tn., Rhen. Prussia ; iron ore ; p. 16,895. 51.21 N., 7.03 E.
Vélez-Málaga, tn., Malaga, Spain ; raisins ; p. 23,750. 36.46 N., 4.10 W.
Velletri, tn., Rome, It. ; cath. ; bats. 1774, 1849 ; p. 18,950. 41.41 N., 12.47 E.
Vellore, tn., Madras, Br. India ; mil. sta. ; p. 43,725. 12.53 N., 79.08 E.
Vendée, La, dep., France ; a. 2,588 sq. m., p. 442,777. 46.40 N., 1.20 W.
Vendôme, tn., Loir-et-Cher, France ; cheese ; p. 9,527. 47.47 N., 1.01 E.
Venetia, div., Italy ; a. 9,475 sq. m., p. 3,461,924. 45.35 N., 12.00 E.
Venezuela, rep., S. Am. ; a. 417,000 sq. m., p. 2,664,241. 8.00 N., 66.00 W.
Vengurla, spt. tn., Bombay, Br. India ; p. 15,000. 15.52 N., 73.39 E.
Venice, isl. cy., spt., cap. V. prov., It. ; mnfs. ; p. 149,000. 45.26 N., 12.18 E.
Venio, frontier tn., Limburg, Holland ; p. 14,720. 51.22 N., 6.10 E.
Venosa, tn., Potenza, Italy ; bthpl. of Horace ; p. 8,620. 40.58 N., 15.49 E.
Ventimiglia, fort. tn., spt., Pto. Maurizio, It. ; p. 11,720. 48.48 N., 7.34 E.
Ventnor, w. pl., S. coast I. of Wight ; p. 5,935. 50.36 N., 1.10 W.
Vera Cruz, chf. spt. Mexico on E. coast ; cath. ; p. 30,350. 19.11 N., 96.08 W.
Vercelli, tn., Novara, Italy ; produces rice ; p. 30,620. 45.20 N., 8.26 E.
Verde, Cape, most W. headland in Africa. 14.48 N., 17.33 W.
Verdun, fort. tn., Meuse, France ; cath. ; p. 21,576. 49.10 N., 5.22 E.
Vermejo, riv., S. America, trib. of Paraguay ; 750 m. 25.00 S., 61.00 W.
Vermont, state, U.S. ; a. 10,200 sq. m., p. 350,373. 44.00 N., 72.30 W.
Vernon, tn., Eure, France ; stone quarries ; p. 8,810. 49.06 N., 1.27 E.
Vernyi, cap. Semiretchensk, As. Russia ; p. 22,850. 42.00 N., 77.00 E.
Verona, fort. cy., cap. V. prov., Italy ; pals. ; p. 74,360. 45.26 N., 11.00 E.
Versailles, cy., cap. Seine-et-Oise, France ; p. 54,820. 48.47 N., 2.07 E.

Versecz, tn., Hungary ; red wine, brandy ; p. 25,820. 45.08 N., 21.17 E.
Verviers, tn., Liége, Belgium ; mnfs. cloth ; p. 48,383. 50.36 N., 5.52 E.
Vesoul, cap. Haute-Saône, France ; tools ; p. 9,810. 47.37 N., 6.09 E.
Vesteràs, tn., Veshmanland, Sweden ; cath. ; p. 17,004. 59.36 N., 16.32 E.
Vestervik, spt., Kalmar, Sweden ; shpbldg. ; p. 7,500. 57.48 N., 16.39 E.
Vesuvius, fam. volc., Naples, Italy ; erup. 1906. 40.47 N., 14.26 E.
Veszprim, cy., Hungary ; cath. ; wine trade ; p. 15,000. 47.04 N., 17.55 E.
Vevey, w. pl., Vaud, Switz. ; mnfs. cigars ; p. 12,250. 46.28 N., 6.51 E.
Via Mala, fam. gorge, Grisons, Switzerland. 46.41 N., 9.27 E.
Viareggio, w. pl., spt., Lucca, Italy ; p. 17,780. 43.52 N., 10.14 E.
Viatka, cap. V. gov., Russia ; tanning ; p. 25,100. 58.17 N., 49.57 E.
Viborg, spt., cap. V. gov., Finland ; castle ; p. 33,175. 60.47 N., 28.43 E.
Viborg, tn., Jutland, Denmark ; cloth ; p. 8,320. 56.27 N., 9.22 E.
Vicenza, tn., cap. V. prov., Italy ; silk ; p. 43,825. 45.32 N., 11.32 E.
Vich (Vique), tn., Barcelona, Spain ; mnfs. ; p. 12,750. 41.55 N., 2.11 E.
Vichy, w. pl., Allier, France ; min. springs ; p. 14,375. 46.07 N., 3.25 E.
Vicksburg, lgst. cy., port, Mississippi, U.S. ; p. 15,710. 32.22 N., 90.47 W.
Victoria, state, Aus. ; a. 87,885 sq. m., p. 1,273,313. 37.00 S., 145.00 E.
Victoria, cap. Br. Col., on Vancouver I. ; p. 49,000. 49.25 N., 123.23 W.
Victoria, spt. tn., Ger. Kameruns, W. Africa. 4.01 N., 9.25 E.
Victoria, spt. cy., cap. Hong Kong ; sugar ; p. 169,000. 22.20 N., 114.10 E.
Victoria, spt., Brazil ; fortified harbour ; p. 11,525. 20.15 S., 40.15 W.
Victoria, cap. Tamaulipas, Mexico ; p. 14,800. 23.57 N., 99.25 W.
Victoria, tn., Caracas, Venezuela ; sugar ; p. 8,225. 10.10 N., 67.20 W.
Victoria Falls, great falls on Zambesi R., Africa. 17.59 S., 25.51 E.
Victoria Nyanza, lake, E. Cent. Africa ; a. 32,165 sq. m. 1.30 S., 33.00 E.
Vidin, tn., Bulgaria, on Danube ; p. 15,000. 43.59 N., 22.52 E.
Vienna, cap. Austria ; univ. ; breweries ; p. 2,085,888. 48.12 N., 16.23 E.
Vienna do Castello, spt., Portugal ; p. 9,920. 41.42 N., 8.48 W.
Vienne, dep., riv., France ; a. 2,691 sq. m., p. 333,621. 46.30 N., 0.30 E.
Vienne, tn., Isère, France ; lead, copper ; p. 24,825. 45.31 N., 4.52 E.
Vierzen, tn., Rhenish Prussia ; mnfs. plush ; p. 24,825. 51.17 N., 6.24 E.
Vierzon-Ville, mnfg. tn., Cher, France ; p. 11,900. 47.13 N., 2.03 E.
Vigo, spt., w. pl., Pontevedra, Spain ; tunny ; p. 23,632. 42.14 N., 8.41 W.
Villa Rica, tn., Paraguay ; tobacco trade ; p. 25,000. 25.48 S., 56.33 W.
Villafranca, tn., Verona, Italy ; castle ; p. 9,679. 45.22 N., 10.50 E.
Villefranche, fort, spt., Alpes-Marit., France ; p. 5,125. 43.44 N. 7.17 E.
Villefranche, tn., Aveyron, France ; tin, lead ; p. 9,821. 44.21 N., 2.01 E.
Villefranche, tn., Rhône, France ; cotton ; p. 14,925. 45.59 N., 4.43 E.
Villena, tn., Alicante, Spain ; salt sprs. ; p. 14,210. 38.36 N., 0.48 W.
Villeneuve d'Agen, tn., Lot-et-Garonne, Fr. ; p. 13,000. 44.26 N., 0.42 E.
Vilna, tn., cap. V. gov., W. Russia ; timber ; p. 162,875. 54.40 N., 25.13 E.
Vilvorde, tn., Brabant, Belg. ; distilleries ; p. 13,250. 50.57 N., 4.25 E.
Vimiero, tn., Portugal ; battle 1808 ; p. 1,800. 39.10 N., 9.20 W.
Vinaroz, spt., Castellon, Spain ; dockyards ; p. 8,937. 40.29 N., 0.28 E.
Vincennes, tn., Seine, France ; cas., arsenal ; p. 31,895. 48.49 N., 2.25 E.
Vincennes, cy., Indiana, U.S. ; flour, glass ; p. 13,974. 38.41 N., 87.34 W.
Vindhya Mts., range, Cent. India ; 4,500 ft. 22.50 N., 76.00 E.
Vinegar Hill, eminence, Wexford, Ire ; battle 1798. 52.33 N., 6.25 W.
Vinnitza, tn., Podolia, Russia, on R. Bug ; p. 28,950. 49.12 N., 28.31 E.
Vire, tn., riv., Calvados, France ; granite ; p. 6,610. 48.51 N., 0.55 W.
Virgin Is., grp., W. Indies ; a. 261 sq. m., p. 5,000. 18.30 N., 64.40 W.
Virginia, state, U.S. ; a. 42,450 sq. m., p. 1,973,104. 38.00 N., 79.00 W.
Virginia City, co. cap., Nevada, U.S. ; silver ; p. 2,750. 39.24 N., 119.10 W.
Vishni-Volotchok, tn., Tver, Russia ; p. 17,200. 57.38 N., 34.37 E.
Vistula, large riv., Poland and Austria ; 650 m. 54.17 N., 18.56 E.
Vitebsk, cap. V. gov., Russia ; corn trade ; p. 65,920. 55.14 N., 30.12 E.
Viterbo, cy., Rome, Italy ; cath., palace ; p. 21,475. 42.26 N., 12.07 E.
Viti-Levu, largest isl., Fiji Is. ; a. 4,250 sq. m., p. 55,000. 18.00 S., 178.00 E.
Vitoria, cap. Alava, Spain ; cutlery ; p. 32,975. 42.47 N., 2.55 W.

Vitré, tn., Ille-et-Vilaine, France ; quarries ; p. 10,835. 48.07 N., 1.12 W.
Vitry-le-François, fort. tn., Marne, France ; p. 8,100. 48.45 N., 4.33 E.
Vizagapatam, spt., Madras, on B. of Bengal ; p. 41,000. 17.41 N., 83.19 E.
Vizcaya, prov., Spain ; a. 833 sq. m., p. 312,000. 43.13 N., 3.00 W.
Vizeu, cy., Beira, Portugal ; imp. annual fair ; p. 8,120. 40.44 N., 7.48 W.
Vizianagram, tn., Madras ; mil. sta. ; p. 31,350. 18.08 N., 83.26 E.
Vlaardingen, tn., S. Holland ; fisheries ; p. 16,855. 51.54 N., 4.21 E.
Vladikavkaz, cap. Terek, Russia ; mil. sta. ; p. 49,200. 43.03 N., 44.47 E.
Vladimir, cap. V. gov., Russia ; anc. rem. ; p. 32,030. 56.07 N., 40.28 E.
Vladivostok, spt., Maritime Prov., Siberia ; p. 38,500. 43.06 N., 132.12 E.
Vodena, tn., Eur. Turkey ; mnfs. tobacco ; p. 15,895. 40.47 N., 22.03 E.
Voghera, tn., Pavia, Italy ; cathedral ; p. 20,600. 44.59 N., 9.01 E.
Voiron, tn., Isère, France ; cloth mnfs ; p. 12,730. 45.23 N., 5.34 E.
Volga, grtst. riv., Russia, longest in Europe ; 2,400 m. 49.30 N., 45.00 E.
Volhynia, gov., Russia ; a. 27,743 sq. m., p. 3,691,000. 50.40 N., 27.00 E.
Volo, spt., gulf, Larissa, Greece ; p. 23,563. 39.24 N., 22.58 E.
Vologda, cap. V. gov., Russia; flax ; p. 27,820. 59.12 N., 39.56 E.
Volsh, tn., Saratof, Russia ; flour-mills ; p. 37,850. 52.01 N., 47.18 E.
Volta, riv., W. Africa, flows to Atlantic ; 600 m. 6.00 N., 0.00.
Volterra, tn., Pisa, Italy ; alabaster ; p. 14,360. 43.23 N., 10.51 E.
Vorarlberg, crnld., Austria ; a. 1,004 sq. m., p. 130,500. 47.15 N., 9.50 E.
Voronezh, cap. Y. gov., Russ. ; mil. schl. ; p. 3,215,300. 51.36 N., 39.12 E.
Vosges, mts., betw. France and Ger. ; pk. 4,677 ft. 48.00 N., 7.00 E.
Vosges, dep., France ; a. 2,266 sq. m., p. 429,812. 48.10 N., 6.30 E.
Vostitza, spt. tn., Achaia, Greece ; currants ; p. 8,250. 38.15 N., 22.05 E.
Vranya, tn., Servia ; iron works ; arms ; p. 12,100. 42.30 N., 22.7 E.
Vratza, tn., Bulgaria ; ind. and com. cent. ; p. 13,900. 43.12 N., 23.30 E.
Vryburg, fort. cap. Br. Bechuanaland ; p. 5,000. 27.00 S., 24.48 E.
Vryheid, tn., Natal ; coal-mines near ; p. 5,000. 26.50 S., 30.43 E.
Vyazma, tn., Smolensk, Russia ; grain ; p. 15,250. 55.11 N., 34.21 E.
Vyrnwy, riv., lake, Wales ; Liverpool's water supply. 52.42 N., 3.24 W.

Wabash, riv., U.S., trib. of the Ohio R. ; 550 m. 38.10 N., 88.00 W.
Waco, co. cap., Texas, U.S. ; artesian wells ; p. 24,430. 31.30 N., 96.55 W.
Wadai, native state, Cent. Sudan ; p. 1,500,000. 13.00 N., 18.30 E.
Wadelai, Br. post, E. Sudan, on Upper Nile. 2.40 N., 31.24 E.
Wadhwan, state, tn., Kathiawar, India ; tn. p. 25,000. 22.40 N., 71.40 E.
Wady Halfa, tn., Egypt, Sudan, on Nile ; p. 3,500. 21.53 N., 31.20 E.
Wagga Wagga, tn., New S. Wales ; agric. ; p. 5,200. 35.05 S., 147.03 E.
Wagram, vil., Lr. Austria ; battle 1809 ; p. 1,740. 48.22 N., 16.33 E.
Wai, sacred cy., Bombay ; commer. cent. ; p. 11,125. 17.57 N., 73.58 E.
Waikato, chf. riv., North I., N.Z. ; 170 m. long. 37.24 S., 174.50 E.
Waitzen, tn., Hungary ; has magistracy ; p. 16,985. 47.47 N., 19.07 E.
Wakamatsu, tn., Honshiu, Japan ; mnfs. ; p. 39,300. 37.33 N., 139.59 E.
Wakatipu, lake, South I., N.Z. ; 50 m. long. 45.04 S., 168.30 E.
Wakayama, marit. tn., Honshiu, Japan ; p. 77,303. 34.24 N., 135.00 E.
Wakefield, cap. W.R. Yorks, Eng. ; woollens ; p. 41,525. 53.42 N., 1.30 W.
Wakefield, mnfg. tn., Mass., U.S. ; p. 10,150. 42.31 N., 71.01 W.
Wakkerstroom, tn., N. Natal, S. Africa ; p. 3,000. 26.47 S., 29.30 E.
Walcheren, isl., Holland ; 13 m. long ; p. 50,000. 51.30 N., 3.35 E.
Wald, tn., Rhenish Prussia ; ironworks ; p. 18,850. 51.12 N., 7.08 E.
Waldeck, princip., Ger. ; a. 433 sq. m., p. 59,127. 51.18 N., 8.50 E.
Waldenburg, tn., Silesia, Prussia ; mnfs. ; p. 15,350. 50.47 N., 16.17 E.
Wales, princip., Gt. Britain ; a. 7,446 sq. m., p. 2 mil. 52.30 N., 4.00 W.
Walker, tn., Northumb, Eng. ; shpbldg. ; p. 13,410. 54.58 N., 1.33 W.
Walla Walla, co. cap., Wash., U.S. ; wheat ; p. 20,000. 46.08 N., 118.50 W.
Wallachia, S. div., Roumania ; a. 29,915 sq. m., p. 4 mil. 44.40 N., 25.30 E.
Wallaroo, spt., S. Australia ; copper mining ; p. 3,450. 33.57 S., 137.56 E.
Wallasey, tn., Cheshire, Eng., nr. Birkenhead ; p. 53,685. 53.25 N., 3.05 W.

Wallingford, mkt. tn., Berks, Eng. ; agric. ; p. 2,854. 51.37 N., 1.08 W.
Wallsend, tn., Northumb, Eng. ; collieries ; p. 21,200. 54.59 N., 1.32 W.
Walmer, tn., Kent, Eng. ; 2 m. S. of Deal ; cstl. ; p. 5,645. 51.12 N., 1.23 E.
Walsall, tn., Staffs, Eng. ; coal, iron mines ; p. 99,398. 52.36 N., 1.59 W.
Walsingham, tn., Norfolk, Eng. ; priory ruins ; p. 1,000. 52.24 N., 0.53 E.
Waltham, mkt. tn., Essex, Eng. ; fam. cross ; p. 6,575. 51.41 N., 0.00.
Waltham, cy., Mass., U.S. ; mnfs. watches ; p. 26,282. 42.23 N., 71.15 W.
Walthamstow, suburban tn., Essex, Eng. ; p. 96,000. 51.38 N., 0.00.
Walton-on-Thames, tn., Surrey, Eng, ; ang. res. ; p. 10,500. 51.23 N., 0.25 W.
Walton-on-the-Naze, w. pl., Essex, Eng. ; p. 2,075. 51.48 N., 1.18 E.
Walvisch Bay, Br. port. terr., W. coast Africa ; p. 1,020. 22.40 S., 14.25 E.
Wanaka, lake, South I., N.Z. ; a. 75 sq. m. 44.30 S., 169.14 E.
Wandsbeck, tn., Schleswig-Hol., Ger. ; brandy ; p. 28,500. 53.38 N., 10.03 E.
Wandsworth, parl. bor., S.W. London ; p. 232,500. 51.28 N., 0.12 W.
Wanganui, spt., North I. N.Z. ; saw-mills ; p. 7,350. 39.57 S., 174.59 E.
Wantage, mkt. tn., Berks, Eng. ; farm tools ; p. 3,795. 51.26 N., 1.26 W.
Warasdin, cy., Croatia, Hungary ; cath. ; p. 11,535. 46.18 N., 16.20 E.
Ware, mkt. tn., Herts, Eng. ; malting ; p. 5,597. 51.49 N., 0.03 W.
Ware, tn., Mass., U.S., cottons, woollens ; p. 8,320. 42.15 N., 72.14 W.
Wareham, mkt. tn., Dorset, Eng. ; agric. ; p. 2,147. 50.41 N., 2.07 W.
Warkworth, small spt., Northumb, Eng. ; p. 720. 55.21 N., 1.37 W.
Warminster, mkt. tn., Wilts, Eng. ; malting ; p. 5,596. 51.13 N., 2.11 W.
Warnsdorf, tn., Bohemia, Austria ; textiles ; p. 21,300. 50.55 N., 14.38 E.
Warren, co. cap. Ohio, U.S. ; linseed oil ; p. 10,071. 41.14 N., 80.51 W.
Warren, co. cap., Penn., U.S. ; engines, boilers ; p. 8,079. 41.51 N., 79.19 W.
Warrenpoint, w. pl., port, Down, Ireland ; p. 1,817. 54.06 N., 6.15 W.
Warrington, mnfg. tn., Lancs, Eng. ; wire ; p. 72,276. 53.23 N., 2.36 W.
Warrnambool, spt., Victoria, Aus. ; baths ; p. 6,495. 38.24 S., 142.29 E.
Warsaw, cap. W. gov., fmr. cap. Poland ; univ. ; p. 757,000. 52.14 N., 21.07 E.
Warsop, tn., Notts, Eng. ; quarries ; p. 2,154. 53.13 N., 1.09 W.
Warthe, riv., Poland and Prussia, trib. of Oder ; 450 m. 52.38 N., 14.50 E.
Warwick, co. tn., Warwick, Eng. ; anc. castle ; p. 11,965. 52.17 N., 1.36 W.
Warwick, tn., Rh. I., U.S. ; on Narragansett B. ; p. 25,464. 41.42 N., 71.24 W.
Warwickshire, co., Eng. ; a. 902 sq. m., p. 898,600. 52.20 N., 1.30 W.
Wasatch, mt. range, Utah, U.S. ; pk. 12,200 ft. 40.00 N., 111.10 W.
Wash, The, wide estuary, E. coast Eng. ; 22 m. by 15 m. 53.00 N., 0.20 E.
Washington, state, U.S. ; a. 69,180 sq. m., p. 1,159,000. 47.30 N., 119.00 W.
Washington, cy., cap. U.S. ; capitol, White H. ; p. 307,716. 38.52 N., 77.03 W.
Washita, riv., U.S., trib. of the Red R. ; 500 m. 32.10 N., 92.06 W.
Wast Water, lake, Cumberland, Eng. ; 3 m. by ½ m. 54.27 N., 3.17 W.
Wasulu, large kingdom, W. Sudan, W. Africa. 10.00 N., 7.00 W.
Waterbury, cy., Conn., U.S. ; mnfs. watches ; p. 61,903. 41.31 N., 73.07 W.
Waterford, co., Ire. ; a. 721 sq. m., p. 87,187. 52.10 N., 7.30 W.
Waterford, co. tn. of above ; cath., educ. bldgs. ; p. 27,000. 52.15 N., 7.06 W.
Waterloo, vil., Belgium ; famous battle 1815 ; p. 4,000. 50.44 N., 4.23 E.
Waterloo, cy., Iowa, U.S. ; rly. repair shops ; p. 18,849. 42.29 N., 92.23 W.
Waterloo-with-Seaforth, w. pl., Lancs, Eng. ; p. 23,250. 53.27 N., 3.02 W.
Watertown, tn., Mass., U.S. ; nat. arsenal ; p. 9,785. 42.14 N., 71.19 W.
Watertown, co. cap., New York, U.S. ; mnfs. ; p. 25,447. 43.57 N., 75.59 W.
Watertown, cy., Wisconsin, U.S. ; flour, beer ; p. 8,469. 43.12 N., 88.40 W.
Watervliet, cy., N. York, U.S. ; nat. arsenal ; p. 14,600. 42.43 N., 73.44 W
Watford, mkt. tn., Herts, Eng. ; silk ; p. 29,750. 51.39 N., 0.24 W.
Wath-upon-Dearne, tn., W.R. Yks., Eng. ; coal ; p. 8,560. 53.30 N., 1.19 W.
Waukegan, co. cap., Ill., U.S. ; var. mnfs. ; p. 12,132. 42.22 N., 87.50 W.
Waukesha, co. cap., w. pl., Wisconsin, U.S. ; p. 7,462. 43.00 N., 88.11 W.
Wausau, cy., Wisconsin, U.S. ; lumber, paper ; p. 14,879. 44.57 N., 89.38 W.
Waveney, riv., E. Eng., trib. of Yare ; 50 m. 52.28 N., 1.37 E.
Wavre, tn., Brabant, Belgium ; var. mnfs. ; p. 8,100. 50.43 N., 4.36 E.
Wazan, tn., Morocco ; sacred city ; p. 20,000. 35.20 N., 5.40 W.
Wazirabad, tn., Punjab, Br. India ; steel ; p. 16,990. 32.26 N., 74.05 E.

Waziristan, highland country, N.W. frontier of India. 32.30 N., 70.00 E.
Wear, riv., Durham, Eng., flows to North S.; 65 m. 54.55 N., 1.22 W.
Wednesbury, mkt. tn., Staffs, Eng.; coal, iron; p. 26,895. 52.33 N., 2.01 W.
Weihaiwei, Br. terr., nav. sta., Shantung, China; p. 200,000. 37.36 N., 122.07 E.
Weimar, cap. Saxe-W.-Eisen., Ger.; on Ilm R.; p. 31,117. 50.59 N., 11.19 E.
Weissenburg, mnfg. tn., Alsace, Ger.; p. 6,995. 49.03 N., 9.58 E.
Weissenfels, tn., Saxony, Prussia; coal; mnfs.; p. 28,450. 51.12 N., 11.58 E.
Welland, riv., Eng., flows into the Wash; 70 m. 52.52 N., 0.05 W.
Welle, large riv., Cent. Africa, trib. of the Congo R. 4.00 N., 26.00 E.
Wellesley, prov., Straits Sett.; a. 274 sq. m., p. 110,000. 5.20 N., 100.14 E.
Wellingborough, mkt. tn., Northants, Eng.; p. 18,730. 52.19 N., 0.42 W.
Wellington, mkt. tn., Salop, Eng.; nails; p. 6,340. 52.43 N., 2.31 W.
Wellington, mkt. tn., Somerset, Eng.; stuffs; p. 7,320. 50.58 N., 3.14 W.
Wellington, cap. New Zealand, in North I.; p. 76,390. 41.19 S., 174.47 E.
Wells, cy., Somerset, Eng.; cath.; agric.; p. 4,931. 51.13 N., 2.38 W.
Wells, spt. tn., Norfolk, Eng.; brewing; p. 2,543. 52.58 N., 0.51 E.
Welshpool, tn., Montgomery, Wales; malting; p. 6,315. 52.40 N., 3.16 W.
Wem, mkt. tn., Salop, Eng.; milling; p. 2,237. 52.42 N., 2.44 W.
Wemyss Bay, w. pl., Renfrew, Scot., on R. Clyde. 55.53 N., 4.54 W.
Wenchow, treaty port, Chekiang, China; p. 80,000. 28.00 N., 120.35 E.
Wener, lgst. lake, S.W. Sweden; a. 2,408 sq. m. 59.00 N., 13.20 E.
Wenlock, mun. bor., Salop, Eng.; coal, iron; p. 15,970. 52.37 N., 2.34 W.
Werdau, tn., Saxony, Ger.; cloth making; p. 19,640. 50.44 N., 12.23 E.
Wernigerode, tn., Saxony, Prussia; p. 11,957. 51.50 N., 10.47 E.
Werwick, tn., W. Flanders, Belgium; tobacco; p. 8,795. 50.47 N., 3.02 E.
Wesel, fort. tn., Rhen. Prussia; var. mnfs.; p. 22,825. 51.39 N., 6.36 E.
Weser, riv., Ger., flows to the North Sea; 280 m. 51.35 N., 9.35 E.
West Bay City, tn., Mich., U.S.; lumber tr.; p. 13,355. 43.37 N., 83.53 W.
West Bromwich, tn., Staffs, Eng.; hardware; p. 70,457. 52.30 N., 2.00 W.
West Calder, tn., Edinburgh, Scot.; coal; p. 2,678. 55.52 N., 3.35 W.
West Flanders, prov., Belgium; a. 1,250 sq. m., p. 806,000. 51.00 N., 3.00 E.
West Ham, co. and parl. bor., Essex, Eng.; p. 321,767. 51.30 N., 0.03 E.
West Hartlepool, spt. tn., Durham, Eng.; p. 62,930. 54.41 N., 1.12 W.
West Indies, isl. grp., Atlantic; a. 85,276 sq. m., p. 6½ mil. 20.00 N., 70.00 W.
West Point, vil., New York, U.S.; mil. academy. 41.22 N., 74.02 W.
West Prussia, prov., Prussia; a. 9,860 sq. m., p. 1,641,746. 53.50 N., 18.10 E.
West Turkestan, large terr., Cent. Asia; p. 6,000,000. 43.00 N., 66.00 E.
West Virginia, st., U.S.; a. 24,780 sq. m., p. 1,200,000. 38.00 N., 81.00 W.
Westbury, mkt. tn., Wilts, Eng.; smelting; p. 3,341. 51.17 N., 2.07 W.
Western Australia, state; a. 1,060,000 sq. m., p. 267,111. 30.00 S., 118.00 E.
Westfield, tn., Mass., U.S.; mnfs. whips; p. 12,455. 42.08 N., 72.45 W.
Westhoughton, tn., Lancs, Eng.; silk; p. 14,425. 53.33 N., 2.32 W.
Westland, dist., New Zealand; a. 4,640 sq. m., p. 15,000. 43.42 S., 169.45 E.
Westmeath, co., Ire.; a. 708 sq. m., p. 61,629. 53.30 N., 7.30 W.
Westminster, parl. bor., W. London; p. 51,000. 51.29 N., 0.06 W.
Westmorland, co., Eng.; a. 786 sq. m., p. 65,000. 54.25 N., 2.35 W.
Weston-super-Mare, w. pl., Somerset, Eng.; p. 19,965. 51.21 N., 2.58 W.
Westphalia, prov., Prussia; a. 7,892 sq. m., p. 3,618,090. 51.40 N., 8.00 E.
Westport, spt., Mayo, Ire., on Clew Bay; p. 3,900. 53.48 N., 9.31 W.
Westray, isl., Orkney Is.; a. 24 sq. m., p. 1,972. 59.17 N., 2.26 W.
Westward Ho, w. pl., Devon, Eng.; golf links. 51.05 N., 4.13 W.
Wetter, lake, second lgst. in Sweden; a. 850 sq. m. 58.20 N., 15.30 E.
Wetterhorn, mt., Berne, Switz.; highest pk. 12,165 ft. 46.38 N., 8.07 E.
Wetzlar, tn., Rhenish Prussia; iron mines; p. 9,230. 50.34 N., 8.31 E.
Wexford, co., Ire.; a. 899 sq. m., p. 104,105. 52.30 N., 6.30 W.
Wexford, spt., co. tn. of above; shipbldg. yard; p. 11,168. 52.20 N., 6.27 W.
Wey, riv., S.E. Eng., trib. of the Thames; 35 m. 51.12 N., 0.52 W.
Weymouth, fash. w. pl., Dorset, Eng.; p. 19,976. 50.37 N., 2.27 W.
Weymouth, tn., Mass., U.S., on Mass. Bay; p. 11,525. 42.15 N., 71.00 W.
Wharfe, riv., Yorks, Eng., trib. of Ouse R.; 60 m. 53.51 N., 1.10 W.

Wheeling, cy., W. Virg., U.S., imp. industries ; p. 41,494. 40.06 N., 80.43 W.
Whickham, mnfg. tn., Durham, Eng. ; p. 12,989. 54.57 N., 1.41 E.
Whitby, spt., w. pl., N.R. Yks., Eng., shipbldg. ; p. 11,920. 54.29 N., 0.37 W.
Whitchurch, tn., Hants, Eng. ; silk, serges ; p. 2,250. 51.14 N., 1.20 W.
Whitchurch, tn., Salop, Eng. ; malting ; p. 5,250. 52.58 N., 2.42 W.
White Mts., grp., New Hampshire, U.S. ; pk. 6,293 ft. 44.10 N., 71.30 W.
White R., Arkansas, U.S., trib. of Mississippi R. ; 800 m. 34.30 N., 91.10 W.
White Sea, arm of the Arctic Ocean ; 350 m. long. 66.00 N., 40.00 E.
Whitefield, tn., Lancs, Eng. ; cotton mnfs. ; p. 6,597. 53.33 N., 2.17 W.
Whitehaven, spt., mkt. tn., Cumb, Eng. ; shipbldg. ; p. 19,550. 54.33 N., 3.35 W.
Whithorn, anc. tn., Wigtown, Scot. ; cath. ruins ; p. 2,260. 54.44 N., 4.25 W.
Whitney, mt., Cal., U.S., in Sierra Nevada ; 14,898 ft. 36.24 N., 118.12 W.
Whitstable, w. pl., Kent, Eng. ; fam. for oysters ; p. 7,210. 51.26 N., 1.01 E.
Whittlesey, mkt. tn., Cambs, Eng. ; W. mere nr. ; p. 3,974. 52.33 N., 0.08 W.
Whitwick, anc. tn., Leics, Eng. ; hosiery, boots ; p. 3,794. 52.45 N., 1.22 W.
Whitworth, tn., Lancs, Eng. ; cotton-mills ; p. 9,725. 53.39 N., 2.11 W.
Whydah, Fr. spt., Dahomey, W. Africa ; p. 25,000. 6.22 N., 2.27 E.
Wichita, cy., Kansas, U.S. ; rly. cent. ; mills ; p. 35,541. 37.20 N., 97.23 W.
Wick, co. tn., Caithness, Scot. ; herrings ; p. 8,000. 58.27 N., 3.06 W.
Wicklow, co. Ire. ; a. 781 sq. m., p. 60,825. 53.00 N., 6.20 W.
Wicklow, co. tn., w. pl. of ab. co. ; sea-bth. res. ; p. 3,229. 52.58 N., 6.02 W.
Widnes, tn., Lancs, Eng. ; iron, copper mnfs. ; p. 28,940. 53.22 N., 2.44 W.
Wieliczka, tn., Galicia, Austria ; salt mines ; p. 6,500. 50.00 N., 20.08 E.
Wiener-Neustadt, mnfg. tn., Lower Austria ; p. 30,000. 50.22 N., 16.07 E.
Wiesbaden, fam. w. pl., Hesse-Nassau, Prussia ; p. 100,953. 50.04 N., 8.13 E.
Wigan, tn., Lancs, Eng. ; coal, iron, calicoes ; p. 82,434. 53.32 N., 2.38 W.
Wight, I. of, isl., off Hants, Eng. ; a. 145 sq. m., p. 83,000. 50.40 N., 1.30 W.
Wigton, mkt. tn., Cumb, Eng. ; ginghams ; p. 3,705. 54.39 N., 3.10 W.
Wigtown, co., Scot. ; a. 512 sq. m., p. 32,685. 54.55 N., 4.45 W.
Wigtown, spt., co. tn. of above, on W. bay ; p. 1,425. 54.52 N., 4.27 W.
Wiju, tn., N.W. Korea, near mth. of Yalu R. ; p. 30,000. 39.55 N., 124.42 E.
Wildbad, popular w. pl., Würtemberg, Ger. ; p. 3,780. 48.45 N., 8.33 E.
Wilhelmshaven, spt., chf. nav. sta. of Ger. ; p. 22,900. 53.31 N., 8.08 E.
Wilkesbarre, co. cap., Penn., U.S. ; machinery ; p. 60,121. 41.12 N., 75.59 W.
Willemstad, spt., cap. Curacao, Dut. W. Indies ; 10,000. 12.07 N., 68.58 W.
Willenhall, tn., Staffs, Eng. ; foundries ; p. 18,755. 52.36 N., 2.04 W.
Willesden, par., tn., Mddlx., Eng. ; rly. junc. ; p. 115,250. 51.32 N., 0.14 W.
Williamsport, co. cap., Penn., U.S. ; lumber ; p. 29,135. 41.13 N., 77.08 W.
Willington Quay, port, Northumb, Eng. ; p. 7,950. 55.00 N., 1.30 E.
Wilmington, cy., port, Delaware, U.S. ; p. 88,000. 39.42 N., 75.36 W.
Wilmington, co. cap., N. Carolina, U.S. ; mnfs. ; p. 21,528. 34.17 N., 77.59 W.
Wilmslow, mnfg. tn., Cheshire, U.S. ; p. 7,450. 53.20 N., 2.09 W.
Wilton, mkt. tn., Wilts, Eng. ; carpets ; p. 2,250. 51.05 N., 1.52 W.
Wiltshire, co., Eng. ; a. 1,961 sq. m., p. 274,500. 51.20 N., 1.40 W.
Wimborne, mkt. tn., Dorset, Eng. ; mnfs. ; p. 3,725. 50.48 N., 1.59 W.
Wimmera, riv., Victoria, Australia ; 230 m. long. 36.30 S., 142.03 E.
Winchester, cy., Hants, Eng. ; cath., college ; p. 21,250. 51.03 N., 1.18 W.
Windermere, lgst. lake in Eng. ; 10½ m. by 1 m. 54.20 N., 2.56 W.
Windsor, mkt. tn., Berks, Eng. ; roy. castle ; p. 14,275. 51.28 N., 0.37 W.
Windsor, tn., port, Ontario, on Detroit R. ; p. 12,250. 42.20 N., 83.09 W.
Windward Is., W. Indies, the S. sec. of the Antilles. 16.00 N., 62.00 W.
Winnebago, lake, Wisconsin, U.S. ; 30 m. by 10 m. 44.00 N., 88.20 W.
Winnipeg, cap. Manitoba ; univ. ; flour ; p. 152,000. 49.55 N., 97.06 W.
Winnipeg, lake, Manitoba ; a. 8,500 sq. m. 53.00 N., 98.00 W.
Winona, co. cap., Minnesota, U.S. ; flour ; p. 20.458. 44.06 N., 91.38 W.
Winterthur, tn., Zurich, Switz. ; var. mnfs. ; p. 27,700. 47.30 N., 8.44 E.
Wirksworth, mkt. tn., Derby, Eng. ; cotton ; p. 3,850. 53.05 N., 1.35 W.
Wisbech, mkt. tn., Cambs, Eng. ; iron mnfs. ; p. 9,879. 52.40 N., 0.07 E.
Wisby, spt., W. coast Gothland I., Sweden ; p. 7,900. 57.38 N., 18.20 E.
Wisconsin, state, U.S. ; a. 56,040 sq. m., p. 2,260,930. 45.00 N., 90.00 W.

Wishaw, tn., Lanark, Scot. ; ironwks, coal ; p. 20,955. 55.47 N., 3.55 W.
Wismar, spt., Mecklenburg-Scherwin, Ger. ; p. 21,902. 53.52 N., 11.28 E.
Withernsea, w. pl., E.R. Yorks, Eng. ; p. 1,430. 53.48 N., 0.02 E.
Witney, mkt. tn., Oxford, Eng. ; blankets ; p. 3,596. 51.47 N., 1.29 W.
Witten, tn., Westphalia, Prussia ; ironworks ; p. 33,785. 51.27 N., 7.20 E.
Wittenberg, tn., Saxony, Prussia ; mnfs. ; p. 18,520. 51.52 N., 12.3 E.
Wittenberge, tn., Brandenburg, Prussia ; p. 16,420. 53.00 N., 11.59 E.
Witu, terr. and tn., Br. E. Africa ; tn. p. 10,000. 2.12 S., 40.24 E.
Witwatersrand, goldfield, Transvaal, S. Africa. 26.00 S., 27.00 E.
Woburn, mkt. tn., Bedford, Eng. ; p. 1,175. 51.59 N., 0.37 W.
Woburn, cy., Mass., U.S. ; pianos, shoes ; p. 14,402. 42.25 N., 71.15 W.
Woking, tn., Surrey, Eng. ; malting ; p. 16,475. 51.18 N., 0.33 W.
Wokingham, mkt. tn., Berks, Eng. ; agric. ; p. 3,625. 51.25 N., 0.49 W.
Wolfenbuttel, tn., Brunswick, Ger. ; mnfs. ; p. 17,955. 52.09 N., 10.31 E.
Wolgast, spt., Pomerania, Prussia ; p. 8,359. 54.03 N., 13.44 E.
Wollongong, spt., mkt. tn., New S. Wales ; p. 5,000. 34.47 S., 150.54 E.
Wolverhampton, mnfg. tn., Staffs, Eng. ; p. 104,633. 52.37 N., 0.50 W.
Wolverton, tn., Bucks, Eng. ; rly. shops ; p. 5,400. 52.16 N., 1.42 W.
Wombwell, tn., W.R. Yorks, Eng. ; coal ; p. 13,420. 53.32 N., 1.28 W.
Wönsan, treaty port, Korea, on E. coast ; p. 18,500. 39.05 N., 127.28 E.
Woodbridge, mkt. tn., port, Suffolk, Eng. ; p. 4,671. 52.07 N., 1.15 E.
Woodstock, mkt. tn., Oxford, Eng. ; gloves ; p. 1,697. 51.52 N., 1.22 W.
Woodstock, cy., Ontario, on Thames R. ; p. 8,900. 43.08 N., 80.49 W.
Woolwich, parl. bor., S.E. London ; arsenal ; p. 117,750. 51.29 N., 0.03 E.
Woonsocket, tn., Rhode I., U.S. ; cottons ; p. 32,994. 42.00 N., 71.30 W.
Worcester, co. tn., Worcs, Eng. ; porcelain ; p. 50,139. 52.12 N., 2.14 W.
Worcester, cy., Mass, U.S. ; mnfs. wire ; p. 130,078. 42.12 N., 71.51 W.
Worcester, tn., C. of G. Hope ; thermal springs ; p. 7,885. 33.36 S., 20.50 E
Worcestershire, co., Eng. ; a. 751 sq. m., p. 488,750. 52.15 N., 2.10 W.
Workington, spt., Cumb., Eng. ; coal, ironwks. ; p. 26,450. 54.38 N., 3.33 W.
Worksop, mkt. tn., Notts, Eng. ; malting ; p. 16,275. 53.18 N., 1.08 W.
Worms, anc. tn., Hesse-Darmstadt, Ger. ; cath. ; p. 43,841. 49.38 N., 8.21 E.
Worsborough, tn., W.R. Yorks, Eng. ; p. 10,550. 53.31 N., 1.28 W.
Wörth, vil., Alsace, Ger. ; battle 1870 ; p. 1,050. 48.54 N., 7.48 E.
Worthing, fash. w. pl., Sussex, Eng. ; p. 17,250. 50.49 N., 0.22 W.
Wotton-under-Edge, tn., Gloucs, Eng. ; p. 3,150. 51.38 N., 2.21 W.
Wrangel, isl., off N.E. coast. of Siberia ; 68 m. long. 71.18 N., 180.00 E.
Wrangel, active volc., Alaska, U.S. ; 17,400 ft. 56.15 N., 132.15 W.
Wrath, Cape, promontory, N.W. Scotland. 58.37 N., 4.59 W.
Wrekin, The, hill, Salop, Eng. ; 1,335 ft. 52.41 N., 2.34 W.
Wrexham, tn., Denbigh, Wales ; breweries ; p. 15,250. 53.02 N., 3.00 W.
Wuchang, tn., cap. Hupeh, China ; college ; p. 500,000. 30.35 N., 114.46 E.
Wuchow, treaty port, Kwangsi, China ; p. 59,000. 23.30 N., 111.00 E.
Wuhu, treaty port, Anhwei, China ; p. 128,000. 31.24 N., 118.30 E.
Wupper, riv., Rhen. Prussia, trib. of the Rhine. 51.13 N., 7.7 E.
Wurnu, cap. Sokoto, Br. W. Africa ; p. 2,500. 12.59 N., 5.18 E.
Würtemberg, kgdm., Ger. ; a. 7,529 sq. m., p. 2,302,179. 48.30 N., 9.20 E.
Würzburg, tn., Bavaria, Ger. ; tobacco ; p. 80,327. 49.47 N., 9.56 E.
Würzen, tn., Saxony, Ger. ; cath. ; mnfs. ; p. 16,920. 51.22 N., 12.44 E.
Wycombe, tn., Bucks, Eng. ; furniture ; p. 15,760. 51.38 N., 0.45 W.
Wye, riv., Eng. and Wales, trib. of R. Severn ; 130 m. 51.57 N., 2.37 W.
Wymondham, mkt. tn., Norfolk, Eng. ; p. 4,790. 52.34 N., 1.07 E.
Wynberg, tn., C. of Good Hope ; wine ; p. 18,500. 34.1 S., 18.30 E.
Wyoming, state, U.S. ; a. 97,890 sq. m., p. 140,000. 43.00 N., 110.00 W.
Wyoming Valley, Penn., U.S. ; 30 m. by 5 m. 41.15 N., 75.40 W.

Xeres, de la Frontera (Jerez), tn., Spain ; sherry ; p. 61,500. 36.45 N., 6.04 W.
Xeres de los Caballeros, anc. tn., W. Spain ; p. 10,500. 38.15 N., 6.14 W.
Xingu, riv., Brazil, trib. of R. Amazon ; 1,200 m. 3.00 S., 53.00 W.

Y, The, inlet, Zuider Zee, N.W. Holland. 52.25 N., 4.45 E.
Yablonoi, mt. range, E. Siberia ; 7,000 ft. 56.30 N., 126.00 E.
Yakoba, (Bauchi), tn., N. Nigeria, W. Africa ; p. 50,000. 10.10 N., 9.36 E.
Yakutsk, cap. Y. prov., E. Siberia ; cath. ; p. 6,900. 61.58 N., 129.30 E.
Yalmal, large pen., N.W. coast, Siberia. 70.00 N., 70.00 E.
Yalta, spt., Crimea, Russia ; p. 13,750. 44.35 N., 34.24 E.
Yalu, riv., betw. Korea and Manchuria ; 300 m. 41.00 N., 126.00 E.
Yamagata, imp. commer. tn., Honshiu, Japan ; p. 42,240. 38.17 N., 140.29 E.
Yana, riv., N.E. Siberia, enters Arctic O. ; 750 m. 69.30 N., 134.20 E.
Yanám, Fr. dist., E. coast. of India ; a. 3½ sq. m., p. 4,900. 16.42 N., 82.15 E.
Yangtse-kiang, chf. riv., China ; 3,475 m. long. 31.15 N., 121.45 E.
Yankton, co. cap., S. Dakota, U.S. ; mills ; p. 4,200. 43.00 N., 97.24 W.
Yare, riv., Norfolk, Eng. ; enters North S. ; 50 m. 52.37 N., 1.03 E.
Yarkand, commer, cap., E. Turkestan ; p. 90,000. 38.20 N., 76. 20 E.
Yarmouth, spt., N.W. coast I. of Wight ; p. 955. 50.42 N., 1.29 W.
Yarmouth, Gt., spt., w. pl., Norfolk, Eng. ; p. 53,430. 52.37 N., 1.43 E.
Yarra Yarra, riv., Victoria, Aus. ; 90 m. long. 37.41 S., 145.30 E.
Yarrow Water, fam. riv. of S. Scot. ; 14½ m. long. 55.33 N., 3.00 W.
Yavary, riv., S. Amer. ; trib. of R. Amazon ; 600 m. 5.00 S., 72.12 W.
Yeadon, tn., W.R. Yorks, Eng. ; woollens ; p. 7,094. 53.52 N., 1.41 W.
Yeisk, spt., Kuban, Russia, on S. of Azof ; p. 35,500. 46.42 N., 38.12 E.
Yell, isl., Shetland Is. ; a. 81½ sq. m., p. 2,525. 60.32 N., 1.05 W.
Yellala Falls, rapids on Congo R., Cent. Africa. 5.22 S., 13.56 E.
Yellow Sea, betw. Korea and China ; 400 m. wide. 35.00 N., 123.30 E.
Yellowstone, riv., U.S., trib. of Missouri R. ; 1,300 m. 46.36 N., 106.30 W.
Yellowstone Nat. Park, Wyo., U.S. ; a. 3,350 sq. m. 44.30 N., 110.30 W.
Yemen, Turk, prv., S.W. Ara. ; a. 76,500 sq. m., p. 750,000. 14.30 N., 45.00 E.
Yenisei, large riv., Siberia, enters Arctic Ocean ; 3,200 m. 68.00 N., 89.00 E.
Yeniseisk, tn., gov., E. Siberia, tn. ; p. 12,000. 58.12 N., 92.25 E.
Yeovil, mkt. tn., Somerset, Eng. ; gloves ; p. 9,920. 50.57 N., 2.37 W.
Yezd (Yazd), cy., Cent. Persia ; silk mnfs. ; p. 45,000. 32.05 N., 54.46 E.
Yezo (Hokkaido), the N. main isl. of Japan ; p. 1,132,095. 43.45 N., 142.30 E.
Yilgarn, imp. goldfield, Western Australia. 31.00 S., 120.00 E.
Yokohama, cy., treaty port, Honshiu, Japan ; p. 394,303. 35.15 N., 139.50 E.
Yokusuka, tn., nav. sta., Honshiu, Japan ; p. 70,964. 35.12 N., 139.48 E.
Yonkers, cy., New York, U.S. ; foundries ; p. 64,110. 40.57 N., 73.50 W.
Yonne, dep., France ; a. 2,868 sq. m., p. 315,199. 47.50 N., 3.30 E.
York, co. tn., Yrks., Eng. ; fam. mins. ; mnfs. ; p. 87,005. 53.57 N., 1.05 W.
York, co. cap., Penn., U.S. ; foundries ; p. 39,168. 39.54 N., 76.49 W.
York Peninsula, pen. and cape, W. Queensland. 17.00 S., 142.30 E.
Yorke Peninsula, large tract of land, S. Australia. 34.30 S., 137.50 E.
Yorkshire, lgst. co. in Eng. ; a. 6,066 sq. m., p. 3,590,000. 54.00 N., 1.30 W.
Yoruba, former kgdm. now part of S. Nigeria. 8.00 N., 4.00 E.
Yosemite Valley, Cal., U.S. ; 6 m. long, ½ to 2 m. broad. 37.30 N., 119.30 W.
Youghal, spt., Cork, Ire. ; exports corn ; p. 5,915. 51.57 N., 7.51 W.
Youngstown, mnfg, tn., Ohio, U.S. ; machy. ; p. 52,710. 41.08 N., 80.37 W.
Ypres, tn., W. Flanders, Belgium ; lace ; p. 16,780. 50.52 N., 2.53 E.
Ystad, spt., extr. S. of Sweden ; fisheries ; p. 10,860. 55.25 N., 13.49 E.
Ystradyfodwg, par. and tn., Glam, Wales ; p. 113,970. 51.38 N., 3.29 W.
Yucatan, pen. and prov., Mexico ; p. 315,000. 19.40 N., 89.20 W.
Yukon, chf. riv. of Alaska ; 2,050 m. in length. 62.00 N., 161.00 W.
Yunnan, prov., S.W. China ; a. 122,000 sq. m., p. 12,324,574. 24.40 N., 101.00 E.
Yunnan, walled tn., cap. of above prov. ; p. 100,000. 25.15 N., 102.48 E.
Yverdon, tn., Vaud, Switz., on L. Neuchâtel ; p. 8,050. 46.46 N., 6.38 E.
Yvetot, old tn., Seine Inf., France ; linen ; p. 7,397. 49.37 N., 0.45 E.

Zaandam, tn., N. Holland ; mnfs. paper ; p. 24,402. 52.26 N., 4.49 E.
Zabern, tn., Lower Alsace, Ger. ; agric. tools ; p. 8,710. 48.42 N., 7.24 E.
Zacatecas, cap. Z. state, Mexico ; silver ; p. 40,250. 22.58 N., 102.19 W.

Zadonsk, tn., Voronesh, Russia ; monastery ; p. 8,950. 52.28 N., 39.04 E.
Zafarâni Is., three Span. islets, N. of Morocco ; p. 670. 35.10 N., 2.02 W.
Zagazig, tn., Egypt, in the Nile delta ; p. 35,000. 30.42 N., 32.00 E.
Zaisan, lake, Russian Cent. Asia ; 80 m. long. 47.40 N., 84.00 E.
Zambesi, imp. riv., E. Africa ; fam. falls ; 1,600 m. 13.55 S., 26.00 E.
Zambesia, large terr. in E. Africa, watered by Zambesi. 16.00 S., 28.00 E.
Zamora, anc. tn., cap. Z. prov., Spain ; cath. ; p. 16,900. 41.32 N., 5.47 W.
Zamosc, fort. tn., Russian Poland ; p. 13,000. 50.43 N., 23.14 E.
Zanesville, mnfg. cy., Ohio, U.S. ; coal ; p. 24,856. 39.57 N., 81.59 W.
Zante, isl., Ionian Is. ; a. 166 sq. m., p. 42,502. 37.47 N., 20.47 E.
Zante, spt., cap. Ionian Is., on Z. isl. ; fruit ; p. 13,580. 37.47 N., 20.55 E.
Zanzibar, Br. isl., tn., off E. Africa ; isl. p. 152,000. 6.08 S., 39.26 E.
Zara, spt., cap. Dalmatia, Austria ; glass ; p. 32,800. 44.07 N., 15.14 E.
Zaruma, tn., Ecuador ; gold and silver mines ; p. 6,000. 3.37 S., 79.47 W.
Zealand, chief isl., Denmark ; a. 2,670 sq. m., p. 960,250. 55.30 N., 11.45 E.
Zebu, isl., Philippine Is. ; a. 2,290 sq. m., p. 592,350. 10.30 N., 123.40 E.
Zeehan, mining tn., W. coast, of Tasmania ; p. 2,250. 41.48 S., 145.35 E.
Zeeland, prov., Holland ; a. 690 sq. m., p. 231,958. 51.30 N., 3.50 E.
Zeila, coast tn., E. Africa, on G. of Aden ; p. 6,500. 11.21 N., 43.29 E.
Zeitun, tn., Asia Minor ; iron mines ; p. 5,000. 37.50 N., 36.42 E.
Zelle, mnfg. tn., Hanover, Prussia ; p. 20,000. 52.38 N., 10.03 E.
Zengg, spt., Croatia, Hungary ; cath. ; p. 3,150. 44.59 N., 14.55 E.
Zenjan, anc. cy., Persia ; decayed fortress ; p. 25,000. 36.21 N., 48.32 E.
Zenta, tn., Hungary, on Theiss R. ; p. 28,650. 45.57 N., 20.07 E.
Zerbst, tn., Anhalt, Ger. ; chemicals ; p. 17,920. 51.58 N., 12.04 E.
Zermatt, vil., tourist cent., Valais, Switz. ; p. 770. 46.02 N., 7.44 E.
Zeya, riv., E. Siberia, trib. of Amur R. ; 720 m. 51.00 N., 128.00 E.
Zhitomir, cap. Volhynia, Russia ; cloth ; p. 80,900. 50.20 N., 28.55 E.
Zhob, riv., N. Baluchistan, trib. of Indus R. 31.30 N., 69.00 E.
Zierikzee, spt., chf. tn. Schouwen I., Holland ; p. 6,925. 51.39 N., 3.56 E.
Zimbabwe, remarkable ruins, Brit. S. Africa. 20.00 S., 31.00 E.
Zirknitz, lake, tn., Carniola, Austria. 45.48 N., 14.22 E.
Zittau, tn., Saxony, Ger. ; machinery ; p. 34,719. 50.53 N., 14.47 E.
Zlatoust, tn., Ufa, Russia ; observ. ; mines ; p. 21,250. 55.11 N., 59.40 E.
Znaim, tn., Moravia, Austria ; cloth, linen ; p. 16,730. 48.53 N., 16.03 E.
Zomba, mt., commiss. hdqrs., Nyasaland ; alt. 6,900 ft. 15.18 S., 35.17 E.
Zombor, roy. free tn., Hungary ; cattle trade ; p. 29,500. 45.46 N., 19.03 E.
Zoutpansberg, mt. ridge, Transvaal ; 4,000 ft. 23.00 S., 30.00 E.
Zschopau, tn., Saxony, Ger. ; cotton, hosiery ; p. 6,940. 50.44 N., 13.04 E.
Zug, tn., cap. Z. canton, Switz. ; mnfs. enamel ; p. 6,580. 47.09 N., 8.31 E.
Zug, lake, S.W. of Z. canton, Switz. ; a. 14½ sq. m. 47.07 N., 8.29 E.
Zuider Zee, large gulf, Holland ; a. 2,000 sq. m. 52.30 N., 5.30 E.
Zululand, prov., Natal, S.E. Africa ; a. 10,000 sq. m. 28.20 S., 31.00 E.
Zungaria, mt. region, extr. N.W. of Chinese Empire. 45.00 N., 87.00 E.
Zurich, cap. Z. canton, Switz. ; univ. ; p. 183,500. 47.22 N., 8.33 E.
Zurich, lake, N.E. Switz. ; a. 33 sq. m. 47.15 N., 8.40 E.
Zutphen, tn., Gelderland, Holland ; paper ; p. 18,500. 52.08 N., 6.12 E.
Zvenigorodka, tn., Kief, Russia ; tobacco ; p. 16,655. 49.08 N., 30.57 E.
Zweibrücken, tn., Bavaria, Ger. ; mnfs. ; p. 13,750. 49.15 N., 7.21 E.
Zwickau, mnfg. cy., Saxony, Ger. ; cloth ; p. 68,502. 50.43 N., 12.30 E.
Zwittau, tn., Moravia, Austria ; cotton ; p. 6,510. 49.46 N., 16.27 E.
Zwolle, cap. Overyssel, Holland ; mnfs. ; p. 33,729. 52.31 N., 6.05 E.
Zwyndrecht, tn., S. Holland, near R. Scheldt ; p. 5,620. 51.13 N., 4.13 E.

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